

Converting Colors

XYZ(68.2081, 78.3716, 93.7369)

Have a look what the booklet for
XYZ(68.2081, 78.3716, 93.7369)
contains.

XYZ(68.2605, 78.3290, 93.9594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(68.2605, 78.3290,
93.9594)**

Conversions

Conversions Part 1

Format	Color
Hex	C2EDF0
RGB	194, 237, 240
RGB Percent	76%, 93%, 94%
CMY	0.2392, 0.0706, 0.0588
CMYK	0.19, 0.01, 0.00, 0.06
HSL	184°, 61%, 85%
HSV	184°, 19%, 94%
XYZ	68.2605, 78.3290, 93.9594
YIQ	224.4850, -26.5910, -8.1830

Conversions

Conversions Part 2

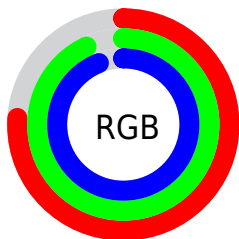
Format	Color
RYB	194, 216, 240
Decimal	12774896
CIELab	90.93, -13.14, -6.05
CIELCh	91, 14.468, 204.712
Yxy	78.3290, 0.2838, 0.3256
Android (android.graphics.Color)	4290964976 (0xFFC2EDF0)
YUV	224.4850, 7.6489, -26.7353
Hunter-Lab	88.5037, -17.2092, -0.9923

Details

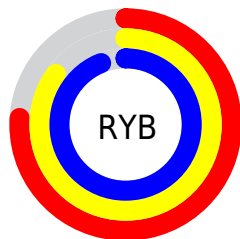
The XYZ color **68.2605, 78.3290, 93.9594** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.6397, 62.3529, 59.6161**, and the grayscale version is **71.1610, 74.8669, 81.5300**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **35.9908, 42.0839, 51.5735** is the 20% darker color. If you saturate the color by 10%, you get **62.1413, 74.5073, 93.5455**, and if you desaturate by 10%, it is **75.3830, 82.6778, 94.4247**.

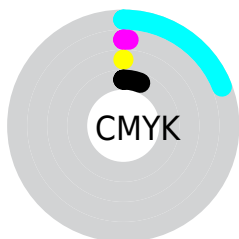
Distribution



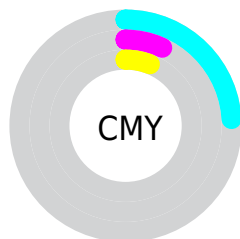
- Red (76%)
- Green (93%)
- Blue (94%)



- Red (76%)
- Yellow (85%)
- Blue (94%)



- Cyan (19%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2605, 78.3290, 93.9594 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 68.2605, 78.3290, 93.9594 by changing the saturation by 10% instead.

68.2605, 78.3290,
93.9594

68.2605, 78.3290,
93.9594

443.7807,
489.2834, 561.7272

50.3841, 58.3443,
70.6771

115.7646,
131.0138, 154.8094

35.9378, 42.0855,
51.5985

146.1230,
164.4827, 193.2141

24.5560, 29.1682,
36.3051

181.3729,
203.2151, 237.4968

15.8736, 19.2081,
24.3784

221.8795,
247.5954, 288.0758

9.5250, 11.8208,
15.3997

268.0082,
298.0079, 345.3699

5.1450, 6.6218,
8.9507

320.1244,

2.3682, 3.2267,

354.8372, 409.7974

4.6127

378.5935,
418.4676, 481.7770

■ 0.8292, 1.2512,
1.9671

■ 0.0000, 0.1029,
0.5349

■ 68.2605, 78.3290,
93.9594

■ 68.2605, 78.3290,
93.9594

■ 62.1413, 74.5073,
93.5455

■ 75.3830, 82.6778,
94.4247

■ 56.9709, 71.1786,
93.1755


■ 83.5463, 87.5671,
94.9381

■ 52.6998, 68.3193,
92.8487


■ 88.6300, 90.8746,
95.3086


■ 49.2717, 65.9004,
92.5625

■ 89.0966, 91.8078,
95.4642


 46.6236, 63.8894,
92.3139


 89.5672, 92.7490,
95.6210


 44.6838, 62.2493,
92.0996


 90.0418, 93.6982,
95.7792


 43.3671, 60.9362,
91.9156

 90.5204, 94.6554,
95.9388

 42.5427, 59.8827,
91.7556

 91.0031, 95.6207,
96.0996

 42.4825, 59.7995,
91.7428

 91.4897, 96.5939,
96.2618

Harmonies

Analogous

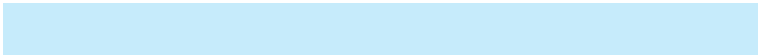
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.6843, 78.3290, 83.4500



68.2605, 78.3290, 93.9594



70.4723, 78.3290, 102.7485

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.2605, 78.3290, 93.9594



80.3199, 78.3290, 97.4197



75.0973, 78.3290, 66.8155

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



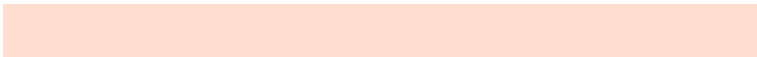
68.2605, 78.3290, 93.9594



65.6397, 62.3529, 59.6161

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5733, 78.3290, 69.9251



68.2605, 78.3290, 93.9594



81.6508, 78.3290, 87.1507

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2605, 78.3290, 93.9594



77.4190, 78.3290, 104.8577



81.0014, 78.3290, 77.1653



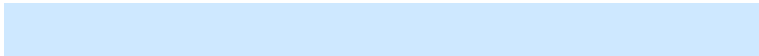
71.5567, 78.3290, 68.3167

Rectangle

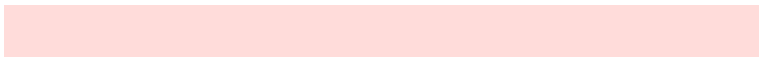
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



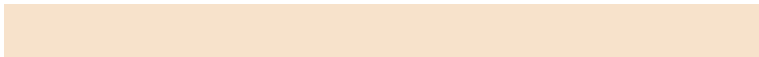
68.2605, 78.3290, 93.9594



72.6161, 78.3290, 106.1580



81.0014, 78.3290, 77.1653



76.3132, 78.3290, 67.3481

Sweetspot

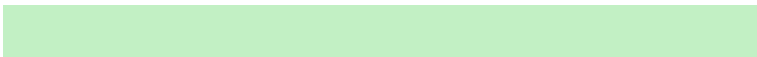
The Sweet Spot groups the original color and five complimentary colors.



68.2628, 78.3322, 93.9612



89.3262, 96.5785, 108.5413



63.4076, 77.7901, 64.0783



18.9918, 20.5950, 23.2242



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.2628, 78.3322, 93.9612



75.4592, 88.1090, 107.6374



62.2018, 66.2103, 91.9409



16.1541, 17.7422, 20.2948



23.2937, 32.8116, 50.2334



1.9642, 2.7824, 4.1878

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70.5148, 63.2249, 88.6116



78.4998, 67.8743, 100.3785



71.0840, 73.2415, 61.4309



16.4072, 16.0126, 19.7005



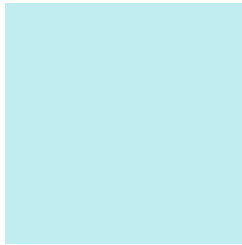
27.0832, 13.1057, 39.9502



2.2664, 1.0956, 3.3936

Previews

White Background



This preview shows how the XYZ color 68.2605, 78.3290, 93.9594 looks on a white background.

Color Contrast Check

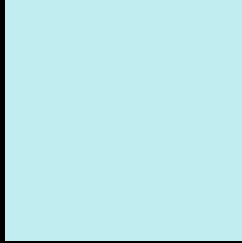
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 68.2605, 78.3290, 93.9594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

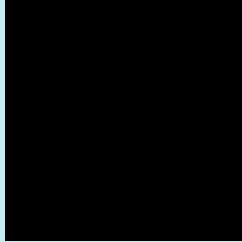
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.2605, 78.3290, 93.9594

Background



This preview shows how black text looks on a background with the XYZ color 68.2605, 78.3290, 93.9594.

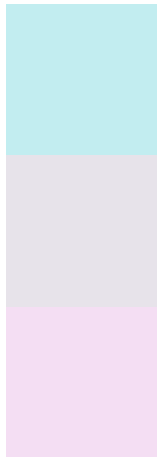


This preview shows how white text looks on a background with the XYZ color 68.2605, 78.3290,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

68.2605, 78.3290, 93.9594

Protanopia

75.2754, 77.8676, 88.9044

Deuteranopia

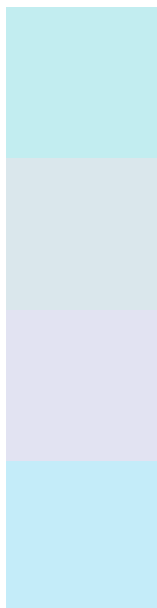
79.6072, 77.9467, 95.6435



Tritanopia

70.6237, 78.4427, 105.1846

Trichromacy



Original Color

68.2605, 78.3290, 93.9594

Protanomaly

72.6297, 78.1134, 90.6063

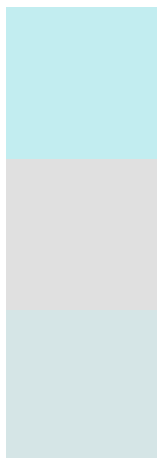
Deuteranomaly

74.8601, 77.5177, 95.0213

Tritanomaly

69.8593, 78.5662, 101.1054

Monochromacy



Original Color

68.2605, 78.3290, 93.9594

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.7428, 75.8979, 85.8368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2605, 78.3290, 93.9594 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(194, 237, 240)` looks like.

```
.text, #text, p{  
    color:rgb(194, 237, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(194, 237, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 237, 240) }
```

Border

The CSS property to change the border of an element to XYZ 68.2605, 78.3290, 93.9594 is called "border". The border property can be set on classes, ids or directly on the HTML element.

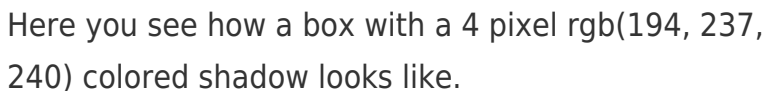
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 237, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(194, 237, 240) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel `rgb(194, 237, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 237, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 237, 240); box-shadow:4px 4px 4px 4px rgb(194, 237, 240) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2605, 78.3290, 93.9594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 237, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(194,  
237, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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