

Converting Colors

XYZ(60.1778, 74.2210, 91.6519)

Have a look what the booklet for
XYZ(60.1778, 74.2210, 91.6519)
contains.

XYZ(60.0675, 74.1564, 91.2685)	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(60.0675, 74.1564,
91.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	A0EDED
RGB	160, 237, 237
RGB Percent	63%, 93%, 93%
CMY	0.3725, 0.0706, 0.0706
CMYK	0.32, 0.00, 0.00, 0.07
HSL	180°, 68%, 78%
HSV	180°, 32%, 93%
XYZ	60.0675, 74.1564, 91.2685
YIQ	213.9770, -45.8920, -16.3240

Conversions

Conversions Part 2

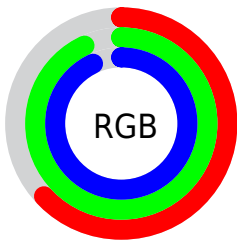
Format	Color
RYB	160, 199, 237
Decimal	10546669
CIELab	89.00, -23.49, -7.55
CIELCh	89, 24.674, 197.809
Yxy	74.1564, 0.2664, 0.3289
Android (android.graphics.Color)	4288736749 (0xFFFA0EDED)
YUV	213.9770, 11.3503, -47.3378
Hunter-Lab	86.1141, -26.1899, -2.5589

Details

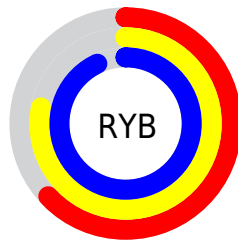
The XYZ color **60.0675, 74.1564, 91.2685** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **53.8437, 45.6864, 39.2411**, and the grayscale version is **63.8510, 67.1763, 73.1550**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **30.6901, 39.3872, 49.7010** is the 20% darker color. If you saturate the color by 10%, you get **55.7743, 71.9450, 91.0686**, and if you desaturate by 10%, it is **65.2682, 76.8393, 91.5141**.

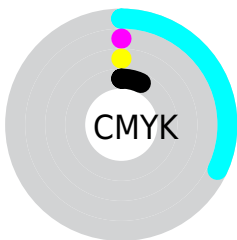
Distribution



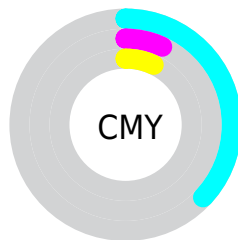
- Red (63%)
- Green (93%)
- Blue (93%)



- Red (63%)
- Yellow (78%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)





- Cyan (37%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0675, 74.1564, 91.2685 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 60.0675, 74.1564, 91.2685 by changing the saturation by 10% instead.


 60.0675, 74.1564,
91.2685


 60.0675, 74.1564,
91.2685


414.6773,
475.0130, 552.8249

 43.7227, 54.9221,
68.4536


 104.0334,
125.1175, 151.0500

 30.6495, 39.3393,
49.7978


 132.3852,
157.6130, 188.8537

 20.4827, 27.0238,
34.8827


165.4700,
195.2978, 232.4907

 12.8567, 17.5911,
23.2897

203.6532,
238.5561, 282.3796

 7.4062, 10.6568,
14.6003

247.3002,
287.7723, 338.9390

 3.7660, 5.8366,
8.3958

296.7763,

 1.5706, 2.7460,

343.3310, 402.5873

4.2579

352.4469,
405.6164, 473.7430

■ 0.3731, 1.0006,
1.7679

■ 0.0000, 0.0000,
0.4066

■ 60.0675, 74.1564,
91.2685

■ 60.0675, 74.1564,
91.2685

■ 55.7743, 71.9450,
91.0686

■ 65.2682, 76.8393,
91.5141

■ 52.3306, 70.1697,
90.9068

■ 71.4173, 80.0092,
91.8025


■ 49.6818, 68.8043,
90.7822


■ 78.5610, 83.6919,
92.1375


■ 47.7646, 67.8159,
90.6918


■ 86.7407, 87.9087,
92.5209


 46.5057, 67.1669,
90.6323

 86.8123, 87.9456,
92.5249


 45.8168, 66.8118,
90.5994

 86.8125, 87.9457,
92.5255

 45.5709, 66.6851,
90.5875

 86.8126, 87.9457,
92.5261

 86.8127, 87.9458,
92.5268

 86.8128, 87.9458,
92.5274

Harmonies

Analogous

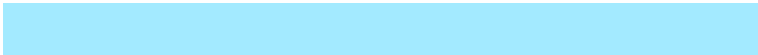
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.8050, 74.1564, 73.9706



60.0675, 74.1564, 91.2685



63.0211, 74.1564, 107.7592

Triad

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



60.0675, 74.1564, 91.2685



79.3745, 74.1564, 105.0089



72.9459, 74.1564, 52.5807

Complementary

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



60.0675, 74.1564, 91.2685



53.8437, 45.6864, 39.2411

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.



78.5127, 74.1564, 58.6688



60.0675, 74.1564, 91.2685



82.3629, 74.1564, 87.9181

Square

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



60.0675, 74.1564, 91.2685



74.0685, 74.1564, 116.4331



82.0388, 74.1564, 71.0608



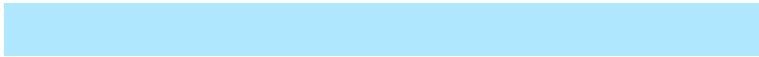
67.0160, 74.1564, 53.2125

Rectangle

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



60.0675, 74.1564, 91.2685



66.2184, 74.1564, 115.3348



82.0388, 74.1564, 71.0608



74.9278, 74.1564, 53.8690

Sweetspot

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



60.0697, 74.1594, 91.2702



86.2827, 95.4803, 108.4890



51.3868, 70.7160, 44.2006



18.2251, 20.3115, 23.2097



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.



60.0697, 74.1594, 91.2702



67.4328, 85.7629, 107.6046



50.3897, 54.7988, 88.0455



15.5177, 17.1219, 19.4091



24.8790, 36.4061, 49.4554



1.9536, 2.8588, 3.8835

Inverse Universe

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



53.8437, 45.6864, 39.2411



59.0161, 47.2714, 37.2684



61.2884, 60.5763, 41.7215



15.0656, 15.0541, 15.6305



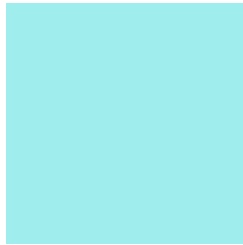
19.0678, 9.8298, 0.8925



1.4973, 0.7719, 0.0701

Previews

White Background



This preview shows how the XYZ color 60.0675, 74.1564, 91.2685 looks on a white background.

Color Contrast Check

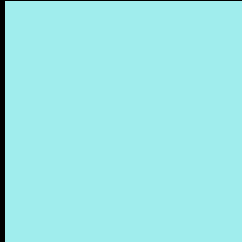
Large Text (above 18pt) WCAG AA × Fail

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 60.0675, 74.1564, 91.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

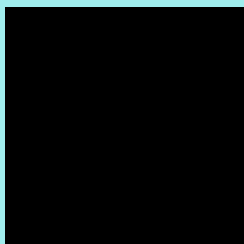
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

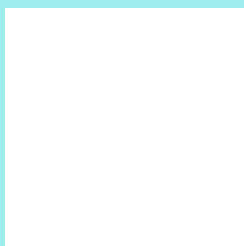
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.0675, 74.1564, 91.2685

Background



This preview shows how black text looks on a background with the XYZ color 60.0675, 74.1564, 91.2685.



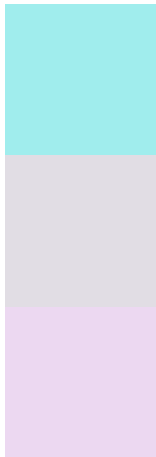
This preview shows how white text looks on a background with the XYZ color 60.0675, 74.1564,

91.2685.

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

60.0675, 74.1564, 91.2685

Protanopia

70.9114, 73.3219, 83.8139

Deuteranopia

75.0251, 73.2955, 93.4123



Tritanopia

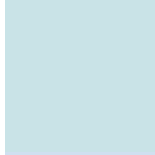
62.4623, 73.8300, 103.8870

Trichromacy



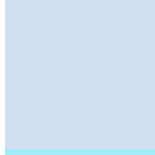
Original Color

60.0675, 74.1564, 91.2685



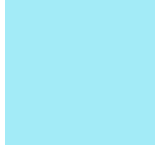
Protanomaly

65.9803, 73.1252, 86.2383



Deuteranomaly

68.3963, 73.0125, 92.9260



Tritanomaly

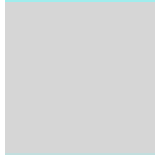
61.6011, 73.9186, 99.0167

Monochromacy



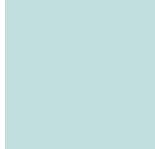
Original Color

60.0675, 74.1564, 91.2685



Achromatopsia

63.9157, 67.2443, 73.2291



Achromatomaly

61.5542, 68.9858, 79.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0675, 74.1564, 91.2685 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(160, 237, 237)` looks like.

```
.text, #text, p{  
    color:rgb(160, 237, 237)  
}
```

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(160, 237, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 237, 237) }
```

Border

The CSS property to change the border of an element to XYZ 60.0675, 74.1564, 91.2685 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(160, 237, 237) }
```


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

```
.border{ border-color:rgb(160, 237, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 237, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 237, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 237, 237); box-shadow:4px 4px 4px 4px rgb(160, 237, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0675, 74.1564, 91.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 237, 237) }
```

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

```
.background{ background-color: rgb(160,  
237, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor