

Converting Colors

XYZ(67.5427, 77.9154, 95.2904)

Have a look what the booklet for
XYZ(67.5427, 77.9154, 95.2904)
contains.

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Color

**XYZ(67.5464, 77.9263,
95.4856)**

Conversions

Conversions Part 1

Format	Color
Hex	BEEDF2
RGB	190, 237, 242
RGB Percent	75%, 93%, 95%
CMY	0.2549, 0.0706, 0.0510
CMYK	0.21, 0.02, 0.00, 0.05
HSL	186°, 67%, 85%
HSV	186°, 21%, 95%
XYZ	67.5464, 77.9263, 95.4856
YIQ	223.5170, -29.6170, -8.4090

Conversions

Conversions Part 2

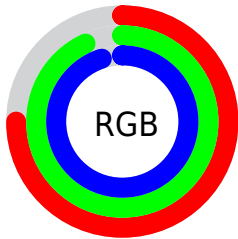
Format	Color
R _Y B	190, 215, 242
Decimal	12512754
CIE Lab	90.75, -13.92, -7.39
CIE LCh	91, 15.759, 207.967
Yxy	77.9263, 0.2803, 0.3234
Android (android.graphics.Color)	4290702834 (0xFFBEEDF2)
YUV	223.5170, 9.1121, -29.3944
Hunter-Lab	88.2759, -17.8992, -2.3393

Details

The XYZ color **67.5464, 77.9263, 95.4856** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.4281, 61.6254, 57.1632**, and the grayscale version is **70.4611, 74.1305, 80.7281**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **35.5401, 41.8272, 52.6547** is the 20% darker color. If you saturate the color by 10%, you get **61.3283, 73.7296, 95.0046**, and if you desaturate by 10%, it is **74.7813, 82.6641, 96.0200**.

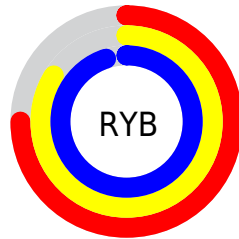
Distribution



Red (75%)

Green (93%)

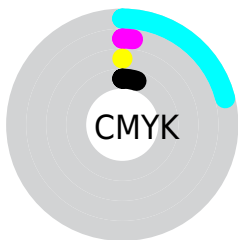
Blue (95%)



Red (75%)

Yellow (84%)

Blue (95%)

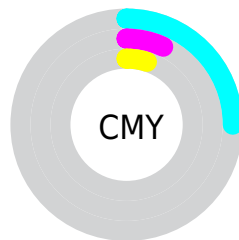


Cyan (21%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5464, 77.9263, 95.4856 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 67.5464, 77.9263, 95.4856 by changing the saturation by 10% instead.

67.5464, 77.9263,
95.4856

67.5464, 77.9263,
95.4856

441.2892,
487.9165, 566.7424

49.8011, 58.0134,
71.9401

114.7485,
130.4462, 156.9367

35.4726, 41.8195,
52.6232

144.9360,
163.8221, 195.6793

24.1953, 28.9599,
37.1164

180.0016,
202.4544, 240.3247

15.6041, 19.0505,
25.0011

220.3108,
246.7275, 291.2914

9.3335, 11.7068,
15.8589

266.2287,
297.0259, 348.9980

5.0182, 6.5444,
9.2711

318.1209,

2.2928, 3.1788,

353.7339, 413.8630

4.8192

376.3526,
417.2360, 486.3050

■ 0.7910, 1.2258,
2.0847

■ 0.0000, 0.0826,
0.6066

■ 67.5464, 77.9263,
95.4856

■ 67.5464, 77.9263,
95.4856

■ 61.3283, 73.7296,
95.0046

■ 74.7813, 82.6641,
96.0200

■ 56.0707, 70.0390,
94.5693

■ 83.0724, 87.9574,
96.6048

■ 51.7221, 66.8299,
94.1791

■ 89.6123, 92.3611,
97.1101

■ 48.2235, 64.0718,
93.8311

■ 90.3165, 93.7693,
97.3448

■ 45.5088, 61.7306,
93.5223

■ 91.0295, 95.1953,
97.5824

■ 43.5021, 59.7671,
93.2491

■ 91.7513, 96.6391,
97.8231

■ 42.1122, 58.1342,
93.0071

■ 92.4821, 98.1007,
98.0667

■ 41.2925, 56.9415,
92.8201

■ 93.0273, 99.1909,
98.2484

Harmonies

Analogous

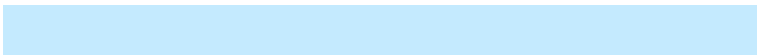
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7185, 77.9263, 84.0777



67.5464, 77.9263, 95.4856



70.1030, 77.9263, 104.6988

Triad

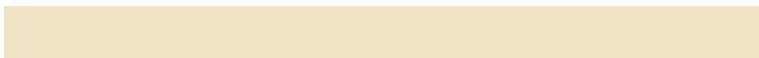
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.5464, 77.9263, 95.4856



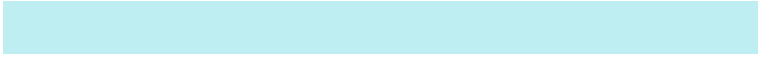
80.7073, 77.9263, 96.9417



74.3369, 77.9263, 64.8777

Complementary

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



67.5464, 77.9263, 95.4856



65.4281, 61.6254, 57.1632

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.



78.1769, 77.9263, 67.6805



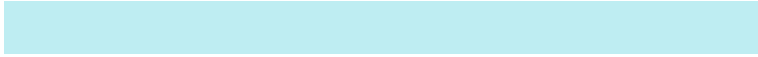
67.5464, 77.9263, 95.4856



81.9353, 77.9263, 85.6240

Square

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



67.5464, 77.9263, 95.4856



77.6932, 77.9263, 105.5908



80.9935, 77.9263, 75.0322



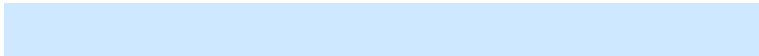
70.5547, 77.9263, 67.0177

Rectangle

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



67.5464, 77.9263, 95.4856



72.4914, 77.9263, 107.9997



80.9935, 77.9263, 75.0322



75.6645, 77.9263, 65.2675

Sweetspot

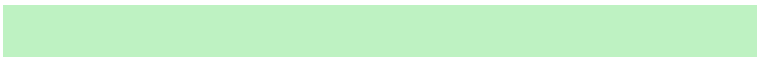
The Sweet Spot groups the original color and five complimentary colors.



67.5487, 77.9295, 95.4874



89.1762, 96.2783, 108.4912



62.7639, 78.3629, 63.0545



18.9562, 20.5238, 23.2123



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.



67.5487, 77.9295, 95.4874



72.7230, 85.5226, 107.2823



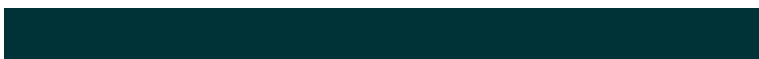
60.7240, 64.2800, 93.2125



16.1100, 17.6541, 20.2801



22.2382, 30.7006, 49.8816



1.8874, 2.6288, 4.1621

Inverse Universe

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



70.3193, 61.8203, 88.3506



76.4141, 64.3427, 97.7112



71.5944, 73.9580, 59.2187



16.3850, 16.0037, 19.5833



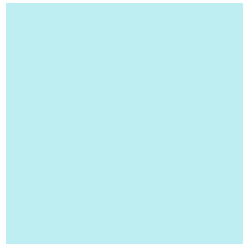
26.5504, 12.8926, 37.1447



2.2276, 1.0801, 3.1895

Previews

White Background



This preview shows how the XYZ color 67.5464, 77.9263, 95.4856 looks on a white background.

Color Contrast Check

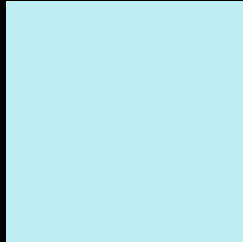
Large Text (above 18pt) WCAG AA × Fail

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 67.5464, 77.9263, 95.4856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

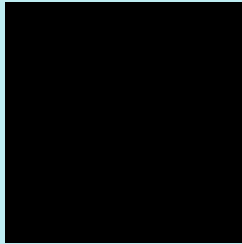
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5464, 77.9263, 95.4856

Background



This preview shows how black text looks on a background with the XYZ color 67.5464, 77.9263, 95.4856.



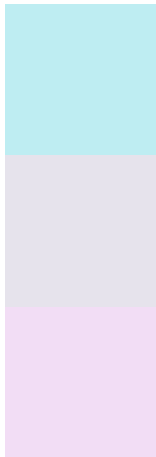
This preview shows how white text looks on a background with the XYZ color 67.5464, 77.9263,

95.4856.

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

67.5464, 77.9263, 95.4856

Protanopia

75.2425, 77.8173, 90.4114

Deuteranopia

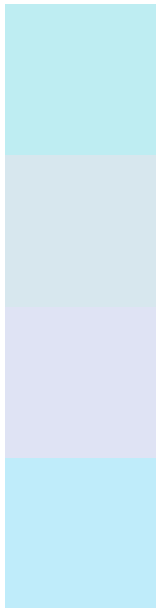
78.9558, 77.1827, 97.1225



Tritanopia

69.3360, 77.7789, 105.1244

Trichromacy



Original Color

67.5464, 77.9263, 95.4856

Protanomaly

72.0329, 77.7719, 92.1039

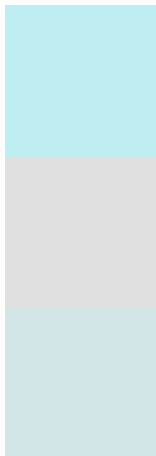
Deuteranomaly

74.2296, 77.1578, 96.5686

Tritanomaly

68.7366, 77.9694, 101.8693

Monochromacy



Original Color

67.5464, 77.9263, 95.4856

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

69.5945, 75.8052, 86.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5464, 77.9263, 95.4856 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(190, 237, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 237, 242)  
}
```

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(190, 237, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 237, 242) }
```

Border

The CSS property to change the border of an element to XYZ 67.5464, 77.9263, 95.4856 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(190, 237, 242) }
```


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

```
.border{ border-color:rgb(190, 237, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 237, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 237, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 237, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 237,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5464, 77.9263, 95.4856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 237, 242) }
```

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

```
.background{ background-color: rgb(190,  
237, 242) }
```

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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