

Converting Colors

XYZ(53.7796, 65.4318, 96.1561)

Have a look what the booklet for
XYZ(53.7796, 65.4318, 96.1561)
contains.

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Color

**XYZ(53.7845, 65.3928,
96.1735)**

Conversions

Conversions Part 1

Format	Color
Hex	8BE0F5
RGB	139, 224, 245
RGB Percent	55%, 88%, 96%
CMY	0.4549, 0.1216, 0.0392
CMYK	0.43, 0.09, 0.00, 0.04
HSL	192°, 84%, 75%
HSV	192°, 43%, 96%
XYZ	53.7845, 65.3928, 96.1735
YIQ	200.9790, -57.4010, -11.4890

Conversions

Conversions Part 2

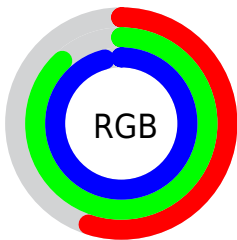
Format	Color
R _Y B	139, 186, 245
Decimal	9167093
CIE Lab	84.69, -20.43, -18.30
CIE LCh	85, 27.423, 221.855
Yxy	65.3928, 0.2498, 0.3037
Android (android.graphics.Color)	4287357173 (0xFF8BE0F5)
YUV	200.9790, 21.7024, -54.3556
Hunter-Lab	80.8658, -22.7934, -13.9074

Details

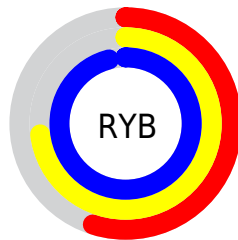
The XYZ color **53.7845, 65.3928, 96.1735** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.8884, 46.4193, 30.4947**, and the grayscale version is **55.4013, 58.2865, 63.4740**.

A 20% lighter version of the original color is **76.8360, 90.6103, 108.0476**, and **26.7666, 33.7994, 53.2573** is the 20% darker color. If you saturate the color by 10%, you get **48.8576, 60.9455, 95.5759**, and if you desaturate by 10%, it is **59.6693, 70.3922, 96.8295**.

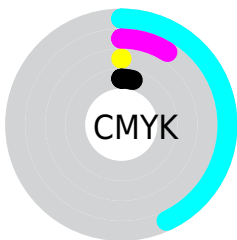
Distribution



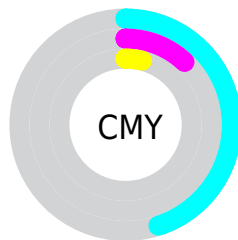
- Red (55%)
- Green (88%)
- Blue (96%)



- Red (55%)
- Yellow (73%)
- Blue (96%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (45%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7845, 65.3928, 96.1735 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 53.7845, 65.3928, 96.1735 by changing the saturation by 10% instead.

53.7845, 65.3928,
96.1735

53.7845, 65.3928,
96.1735

391.4995,
444.2022, 568.9950

38.6594, 47.7797,
72.5098

94.9165, 112.6144,
157.8943

26.6744, 33.6524,
53.0858

121.6541,
142.9916, 196.7886

17.4641, 22.6267,
37.4831

152.9932,
178.3924, 241.5967

10.6633, 14.3181,
25.2830

189.2993,
219.2010, 292.7373

5.9065, 8.3423,
16.0671

230.9376,
265.8019, 350.6289

2.8284, 4.3147,
9.4168

278.2735,

1.0637, 1.8511,

318.5794, 415.6900

4.9135

331.6723,
377.9181, 488.3392

■ 0.0000, 0.5187,
2.1388

■ 0.0000, 0.0000,
0.6387

■ 53.7845, 65.3928,
96.1735

■ 53.7845, 65.3928,
96.1735

■ 48.8576, 60.9455,
95.5759

■ 59.6693, 70.3922,
96.8295

■ 44.8203, 57.0101,
95.0291

■ 66.5623, 75.9656,
97.5419

■ 41.6046, 53.5526,
94.5312

■ 74.5178, 82.1429,
98.3150

■ 39.1296, 50.5309,
94.0784

■ 83.5840, 88.9493,
99.1509

■ 37.2974, 47.8940,
93.6660

■ 91.3724, 95.1541,
99.9381

■ 36.3271, 46.2837,
93.4063

■ 92.8861, 98.1817,
100.4427

■ 93.4816, 99.3727,
100.6412

Harmonies

Analogous

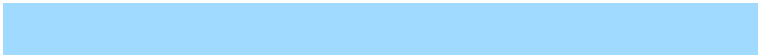
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.3212, 65.3928, 78.3609



53.7845, 65.3928, 96.1735



58.5563, 65.3928, 108.3217

Triad

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



53.7845, 65.3928, 96.1735



74.0360, 65.3928, 82.2359



59.7648, 65.3928, 43.0201

Complementary

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



53.7845, 65.3928, 96.1735



54.8884, 46.4193, 30.4947

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.



65.8959, 65.3928, 43.7087



53.7845, 65.3928, 96.1735



74.4127, 65.3928, 64.4922

Square

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



53.7845, 65.3928, 96.1735



70.3517, 65.3928, 99.4087



71.3494, 65.3928, 50.9763



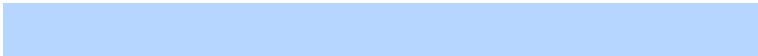
54.6190, 65.3928, 48.9093

Rectangle

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



53.7845, 65.3928, 96.1735



62.5360, 65.3928, 110.5329



71.3494, 65.3928, 50.9763



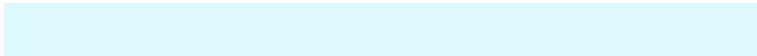
61.7734, 65.3928, 42.5203

Sweetspot

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



53.7865, 65.3953, 96.1750



81.8290, 90.1273, 107.6912



49.5103, 73.2787, 44.0802



17.0789, 18.9574, 23.0089



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.



53.7865, 65.3953, 96.1750



54.0781, 67.2774, 104.7434



41.9912, 41.8046, 92.2432



16.7015, 18.1673, 21.1690



19.6698, 25.1333, 50.3525



1.7981, 2.3477, 4.4486

Inverse Universe

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



60.3450, 43.2613, 75.6934



62.3542, 40.9197, 78.5448



65.7199, 68.0823, 34.1052



17.0647, 16.7087, 20.0871



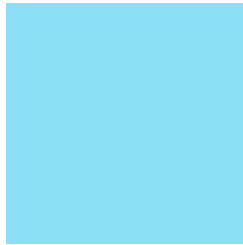
25.7329, 12.6366, 29.6315



2.2967, 1.1246, 2.7887

Previews

White Background



This preview shows how the XYZ color 53.7845, 65.3928, 96.1735 looks on a white background.

Color Contrast Check

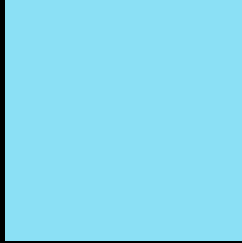
Large Text (above 18pt) WCAG AA × Fail

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 53.7845, 65.3928, 96.1735 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

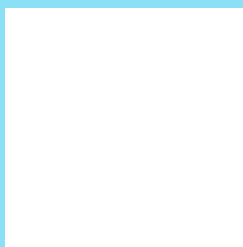
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7845, 65.3928, 96.1735

Background



This preview shows how black text looks on a background with the XYZ color 53.7845, 65.3928, 96.1735.

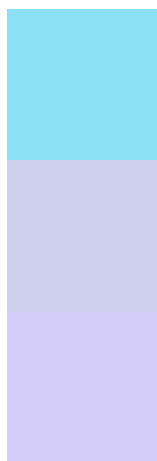


This preview shows how white text looks on a background with the XYZ color 53.7845, 65.3928,

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

53.7845, 65.3928, 96.1735

Protanopia

63.5280, 64.8645, 87.7691

Deuteranopia

66.0816, 64.4992, 98.5893



Tritanopia

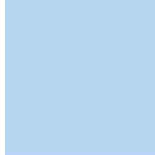
53.1639, 65.1254, 93.7728

Trichromacy



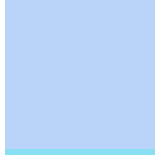
Original Color

53.7845, 65.3928, 96.1735



Protanomaly

58.9180, 64.2702, 90.9614



Deuteranomaly

60.4943, 64.1786, 98.0062



Tritanomaly

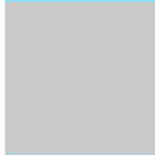
53.3145, 65.1856, 94.5661

Monochromacy



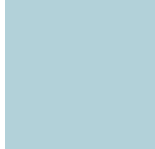
Original Color

53.7845, 65.3928, 96.1735



Achromatopsia

55.5167, 58.4078, 63.6061



Achromatomaly

53.6849, 60.0757, 74.4119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7845, 65.3928, 96.1735 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(139, 224, 245)` looks like.

```
.text, #text, p{  
    color:rgb(139, 224, 245)  
}
```

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(139, 224, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 224, 245) }
```

Border

The CSS property to change the border of an element to XYZ 53.7845, 65.3928, 96.1735 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(139, 224, 245) }
```


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

```
.border{ border-color:rgb(139, 224, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 224, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 224, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 224, 245);  
box-shadow:4px 4px 4px 4px rgb(139, 224,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7845, 65.3928, 96.1735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 224, 245) }
```

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

```
.background{ background-color: rgb(139,  
224, 245) }
```

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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