

Converting Colors

XYZ(29.6580, 39.4761, 48.8262)

Have a look what the booklet for
XYZ(29.6580, 39.4761, 48.8262)
contains.

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Color

**XYZ(29.6863, 39.5013,
48.7077)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB7B3
RGB	94, 183, 179
RGB Percent	37%, 72%, 70%
CMY	0.6314, 0.2823, 0.2980
CMYK	0.49, 0.00, 0.02, 0.28
HSL	177°, 38%, 54%
HSV	177°, 49%, 72%
XYZ	29.6863, 39.5013, 48.7077
YIQ	155.9330, -51.7600, -20.1120

Conversions

Conversions Part 2

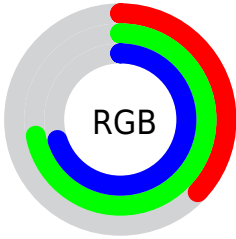
Format	Color
RYB	94, 140, 183
Decimal	6207411
CIELab	69.11, -27.62, -6.21
CIELCh	69, 28.314, 192.676
Yxy	39.5013, 0.2518, 0.3351
Android (android.graphics.Color)	4284397491 (0xFF5EB7B3)
YUV	155.9330, 11.3720, -54.3152
Hunter-Lab	62.8501, -25.6758, -1.9537

Details

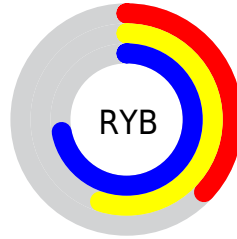
The XYZ color **29.6863, 39.5013, 48.7077** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.7371, 18.9558, 13.8591**, and the grayscale version is **31.5386, 33.1810, 36.1341**.

A 20% lighter version of the original color is **58.4396, 74.2152, 89.8421**, and **12.3442, 17.7787, 22.5197** is the 20% darker color. If you saturate the color by 10%, you get **27.9450, 38.6141, 48.1939**, and if you desaturate by 10%, it is **31.8753, 40.6211, 49.2468**.

Distribution



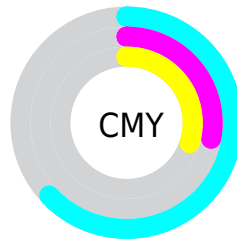
- Red (37%)
- Green (72%)
- Blue (70%)



- Red (37%)
- Yellow (55%)
- Blue (72%)



- Cyan (49%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (63%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6863, 39.5013, 48.7077 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 29.6863, 39.5013, 48.7077 by changing the saturation by 10% instead.

■ 29.6863, 39.5013,
48.7077

■ 29.6863, 39.5013,
48.7077

292.3756,
344.0171, 398.1798

■ 19.7475, 27.1499,
34.0237

■ 58.5558, 74.4035,
89.6337

■ 12.3188, 17.6859,
22.6343

■ 78.2171, 97.7231,
116.7127

■ 7.0349, 10.7247,
14.1210

■ 101.8501,
125.4676, 148.7605

■ 3.5305, 5.8820,
8.0651

■ 129.8199,
158.0214, 186.1956

■ 1.4401, 2.7735,
4.0483

162.4920,
195.7689, 229.4365

■ 0.2845, 1.0146,
1.6519

200.2318,

■ 0.0000, 0.0000,

239.0944, 278.9019

0.3274

243.4045,
288.3823, 335.0101

■ 0.0000, 0.0000,
0.0000

■ 29.6863, 39.5013,
48.7077

■ 29.6863, 39.5013,
48.7077

■ 27.9450, 38.6141,
48.1939

■ 31.8753, 40.6211,
49.2468

■ 26.6159, 37.9385,
47.7011

■ 34.5374, 41.9837,
49.8097

■ 25.6640, 37.4573,
47.2286


■ 37.7001, 43.6044,
50.3987


■ 25.0470, 37.1486,
46.7743


■ 41.3877, 45.4956,
51.0149


■ 24.6922, 36.9751,
46.3348


■ 45.6232, 47.6692,
51.6593

 24.6498, 36.9545,
46.2752

 50.4281, 50.1363,
52.3329

 55.8227, 52.9073,
53.0368

 61.8263, 55.9923,
53.7718

 67.0803, 58.6907,
54.4744

Harmonies

Analogous

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



29.8426, 39.5013, 36.0145



29.6863, 39.5013, 48.7077



31.5095, 39.5013, 62.1892

Triad

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



29.6863, 39.5013, 48.7077



43.7509, 39.5013, 64.0330



40.1933, 39.5013, 23.3525

Complementary

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



29.6863, 39.5013, 48.7077



25.7371, 18.9558, 13.8591

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.



44.3054, 39.5013, 28.2455



29.6863, 39.5013, 48.7077



46.4698, 39.5013, 50.8578

Square

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



29.6863, 39.5013, 48.7077



39.4848, 39.5013, 72.1585



46.6805, 39.5013, 37.7753



35.6694, 39.5013, 23.0064

Rectangle

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



29.6863, 39.5013, 48.7077



33.6942, 39.5013, 69.1364



46.6805, 39.5013, 37.7753



41.6781, 39.5013, 24.4669

Sweetspot

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



29.6875, 39.5028, 48.7086



69.6457, 79.1830, 90.6281



24.0409, 37.2984, 16.5230



15.0880, 17.3380, 19.9664



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.6875, 39.5028, 48.7086



49.9583, 69.1096, 86.2821



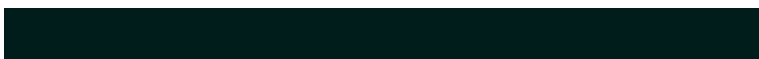
22.9796, 25.4300, 48.4987



9.2488, 10.2035, 11.4673



17.2025, 25.7820, 32.3180



0.6118, 0.9110, 1.1677

Inverse Universe

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



25.7371, 18.9558, 13.8591



42.0848, 28.1049, 16.7845



30.0823, 27.9409, 14.3984



9.0205, 9.0186, 9.4556



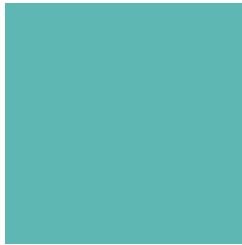
13.6617, 7.0384, 0.8393



0.4872, 0.2503, 0.0589

Previews

White Background



This preview shows how the XYZ color 29.6863, 39.5013, 48.7077 looks on a white background.

Color Contrast Check

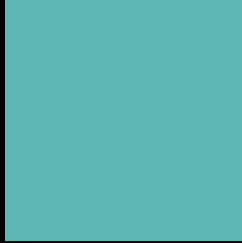
Large Text (above 18pt) WCAG AA × Fail

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 29.6863, 39.5013, 48.7077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

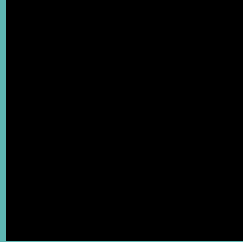
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

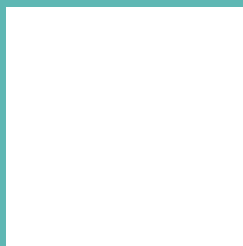
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6863, 39.5013, 48.7077

Background



This preview shows how black text looks on a background with the XYZ color 29.6863, 39.5013, 48.7077.

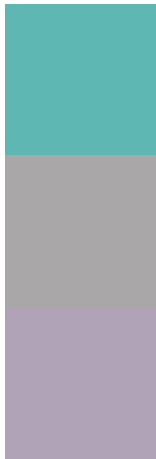


This preview shows how white text looks on a background with the XYZ color 29.6863, 39.5013,

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

29.6863, 39.5013, 48.7077

Protanopia

37.5577, 39.0481, 43.0936

Deuteranopia

39.7759, 38.9604, 50.2234



Tritanopia

31.5198, 39.6405, 57.6199

Trichromacy



Original Color

29.6863, 39.5013, 48.7077

Protanomaly

33.6417, 38.6551, 45.2232

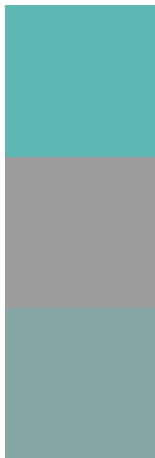
Deuteranomaly

34.8508, 38.3299, 49.8175

Tritanomaly

30.8430, 39.6714, 54.1759

Monochromacy



Original Color

29.6863, 39.5013, 48.7077

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.0099, 34.9393, 40.2842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6863, 39.5013, 48.7077 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(94, 183, 179)` looks like.

```
.text, #text, p{  
    color:rgb(94, 183, 179)  
}
```

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(94, 183, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 183, 179) }
```

Border

The CSS property to change the border of an element to XYZ 29.6863, 39.5013, 48.7077 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(94, 183, 179) }
```


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

```
.border{ border-color:rgb(94, 183, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 183, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 183, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 183, 179);  
box-shadow:4px 4px 4px 4px rgb(94, 183,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6863, 39.5013, 48.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 183, 179) }
```

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

```
.background{ background-color: rgb(94, 183,  
179) }
```

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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