

Converting Colors

XYZ(27.5498, 37.1207, 51.6224)

Have a look what the booklet for
XYZ(27.5498, 37.1207, 51.6224)
contains.

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Color

**XYZ(27.5495, 37.1207,
51.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	48B3B9
RGB	72, 179, 185
RGB Percent	28%, 70%, 73%
CMY	0.7176, 0.2980, 0.2745
CMYK	0.61, 0.03, 0.00, 0.27
HSL	183°, 45%, 50%
HSV	183°, 61%, 73%
XYZ	27.5495, 37.1207, 51.6119
YIQ	147.6910, -65.6980, -20.8180

Conversions

Conversions Part 2

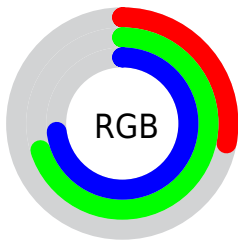
Format	Color
RYB	72, 127, 185
Decimal	4764601
CIELab	67.37, -28.44, -12.20
CIELCh	67, 30.951, 203.222
Yxy	37.1207, 0.2369, 0.3192
Android (android.graphics.Color)	4282954681 (0xFF48B3B9)
YUV	147.6910, 18.3933, -66.3810
Hunter-Lab	60.9268, -25.9088, -7.5766

Details

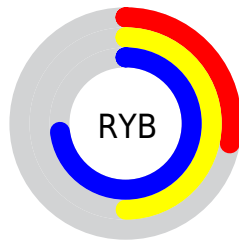
The XYZ color **27.5495, 37.1207, 51.6119** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.9024, 16.2317, 8.0050**, and the grayscale version is **27.9662, 29.4227, 32.0413**.

A 20% lighter version of the original color is **55.1012, 70.6731, 93.9562**, and **11.6257, 16.5877, 24.4188** is the 20% darker color. If you saturate the color by 10%, you get **26.1765, 36.1226, 51.4923**, and if you desaturate by 10%, it is **29.3411, 38.3384, 51.7532**.

Distribution



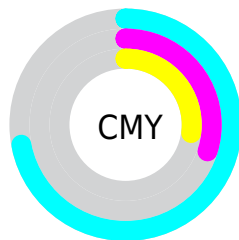
- Red (28%)
- Green (70%)
- Blue (73%)



- Red (28%)
- Yellow (50%)
- Blue (73%)



- Cyan (61%)
- Magenta (3%)
- Yellow (0%)
- Black (27%)



- Cyan (72%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.5495, 37.1207, 51.6119 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 27.5495, 37.1207, 51.6119 by changing the saturation by 10% instead.

■ 27.5495, 37.1207,
51.6119

■ 27.5495, 37.1207,
51.6119

282.4272,
333.8328, 409.8507

■ 18.1251, 25.3010,
36.3157

■ 55.1781, 70.7584,
93.9794

■ 11.1400, 16.3014,
24.3865

■ 74.1129, 93.3451,
121.8877

■ 6.2291, 9.7377,
15.4057

■ 96.9486, 120.2896,
154.8372

■ 3.0269, 5.2254,
8.9549

■ 124.0505,
151.9763, 193.2464

■ 1.1680, 2.3801,
4.6153

■ 155.7840,
188.7896, 237.5338

■ 0.0809, 0.8156,
1.9686

192.5143,

■ 0.0000, 0.0000,

231.1138, 288.1180

0.5359

234.6070,
279.3334, 345.4174

■ 0.0000, 0.0000,
0.0000

■ 27.5495, 37.1207,
51.6119

■ 27.5495, 37.1207,
51.6119

■ 26.1765, 36.1226,
51.4923

■ 29.3411, 38.3384,
51.7532

■ 25.1802, 35.3198,
51.3898

■ 31.5816, 39.7887,
51.9150

■ 24.5159, 34.6904,
51.3034

■ 34.3025, 41.4888,
52.0998

■ 24.1222, 34.2331,
51.2359

■ 37.5314, 43.4529,
52.3087

■ 41.2940, 45.6942,
52.5430

■ 45.6140, 48.2249,
52.8038

■ 50.5138, 51.0567,
53.0921

■ 56.0146, 54.2004,
53.4090

■ 62.1366, 57.6664,
53.7554

Harmonies

Analogous

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



26.9812, 37.1207, 37.4141



27.5495, 37.1207, 51.6119



30.1003, 37.1207, 65.1455

Triad

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



27.5495, 37.1207, 51.6119



43.0997, 37.1207, 58.1528



36.3691, 37.1207, 19.6394

Complementary

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



27.5495, 37.1207, 51.6119



23.9024, 16.2317, 8.0050

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.



41.0269, 37.1207, 22.9046



27.5495, 37.1207, 51.6119



45.1317, 37.1207, 43.5788

Square

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



27.5495, 37.1207, 51.6119



39.0003, 37.1207, 69.4745



44.3411, 37.1207, 30.9725



31.8081, 37.1207, 20.8584

Rectangle

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



27.5495, 37.1207, 51.6119



32.7152, 37.1207, 70.9247



44.3411, 37.1207, 30.9725



37.9799, 37.1207, 20.2192

Sweetspot

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



27.5506, 37.1221, 51.6128



68.9959, 78.8895, 93.7953



21.3849, 36.6214, 13.0846



14.4759, 16.7681, 20.1952



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.



27.5506, 37.1221, 51.6128



46.2565, 64.2105, 92.1605



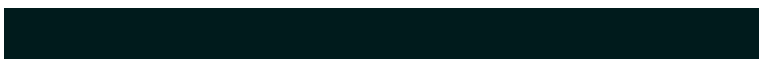
18.4947, 19.0103, 48.5942



9.2247, 10.1267, 11.5479



16.4420, 23.3437, 34.8923



0.5921, 0.8480, 1.2342

Inverse Universe

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



30.4625, 18.2046, 44.5576



52.0484, 27.9575, 77.8192



29.7240, 27.8749, 9.9456



9.3598, 9.1543, 11.2420



18.9128, 9.1389, 28.4915



0.6730, 0.3247, 1.0377

Previews

White Background



This preview shows how the XYZ color 27.5495, 37.1207, 51.6119 looks on a white background.

Color Contrast Check

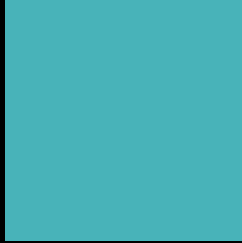
Large Text (above 18pt) WCAG AA × Fail

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 27.5495, 37.1207, 51.6119 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

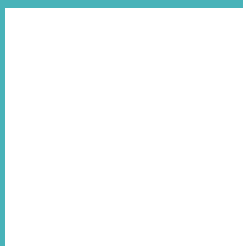
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.5495, 37.1207, 51.6119

Background



This preview shows how black text looks on a background with the XYZ color 27.5495, 37.1207, 51.6119.

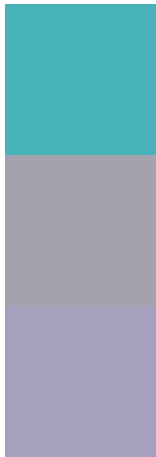


This preview shows how white text looks on a background with the XYZ color 27.5495, 37.1207,

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

27.5495, 37.1207, 51.6119

Protanopia

35.6646, 36.6832, 45.2452

Deuteranopia

37.3093, 36.5774, 53.2378



Tritanopia

28.3365, 37.1424, 55.5449

Trichromacy



Original Color

27.5495, 37.1207, 51.6119



Protanomaly

31.2444, 35.9654, 47.4147



Deuteranomaly

32.2290, 35.8088, 52.7901



Tritanomaly

27.9297, 36.9708, 53.8081

Monochromacy



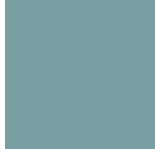
Original Color

27.5495, 37.1207, 51.6119



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

26.5769, 31.3626, 38.3710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.5495, 37.1207, 51.6119 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(72, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(72, 179, 185)  
}
```

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(72, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 179, 185) }
```

Border

The CSS property to change the border of an element to XYZ 27.5495, 37.1207, 51.6119 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(72, 179, 185) }
```


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

```
.border{ border-color:rgb(72, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(72, 179,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 27.5495, 37.1207, 51.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 179, 185) }
```

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

```
.background{ background-color: rgb(72, 179,  
185) }
```

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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