

Converting Colors

XYZ(29.4501, 37.9742, 57.4073)

Have a look what the booklet for
XYZ(29.4501, 37.9742, 57.4073)
contains.

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Color

**XYZ(29.4501, 37.9742,
57.4073)**

Conversions

Conversions Part 1

Format	Color
Hex	52B3C3
RGB	82, 179, 195
RGB Percent	32%, 70%, 76%
CMY	0.6784, 0.2980, 0.2353
CMYK	0.58, 0.08, 0.00, 0.24
HSL	188°, 48%, 54%
HSV	188°, 58%, 76%
XYZ	29.4501, 37.9742, 57.4073
YIQ	151.8210, -62.9480, -15.5880

Conversions

Conversions Part 2

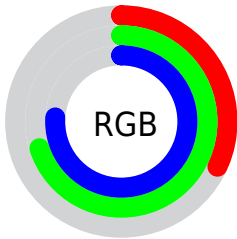
Format	Color
R _Y B	82, 134, 195
Decimal	5419971
CIE Lab	68.00, -23.74, -16.74
CIE LCh	68, 29.046, 215.196
Yxy	37.9742, 0.2359, 0.3042
Android (android.graphics.Color)	4283610051 (0xFF52B3C3)
YUV	151.8210, 21.2872, -61.2330
Hunter-Lab	61.6232, -22.5344, -12.0975

Details

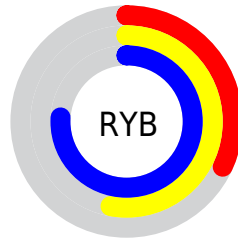
The XYZ color **29.4501, 37.9742, 57.4073** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **28.3972, 20.9476, 10.5303**, and the grayscale version is **29.6996, 31.2463, 34.0273**.

A 20% lighter version of the original color is **58.2635, 72.1077, 102.9428**, and **12.2686, 16.8448, 27.8041** is the 20% darker color. If you saturate the color by 10%, you get **27.4417, 36.1264, 57.1572**, and if you desaturate by 10%, it is **31.9537, 40.0954, 57.6855**.

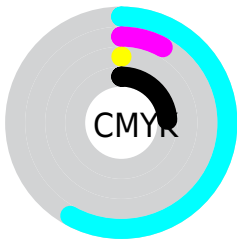
Distribution



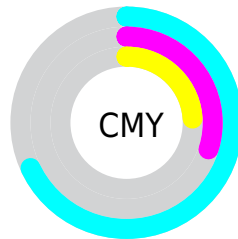
- Red (32%)
- Green (70%)
- Blue (76%)



- Red (32%)
- Yellow (53%)
- Blue (76%)



- Cyan (58%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)



- Cyan (68%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4501, 37.9742, 57.4073 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 29.4501, 37.9742, 57.4073 by changing the saturation by 10% instead.

■ 29.4501, 37.9742,
57.4073

■ 29.4501, 37.9742,
57.4073

291.2888,
337.5093, 432.5102

■ 19.5676, 25.9627,
40.9208

■ 58.1841, 72.0686,
102.5655

■ 12.1875, 16.7957,
27.9380

■ 77.7662, 94.9202,
132.0742

■ 6.9446, 10.0889,
18.0403

■ 101.3123,
122.1540, 166.7608

■ 3.4735, 5.4580,
10.8092

■ 129.1876,
154.1544, 207.0438

■ 1.4088, 2.5184,
5.8261

161.7576,
191.3057, 253.3417

■ 0.2625, 0.8858,
2.6726

199.3875,

■ 0.0000, 0.0000,

233.9924, 306.0730

0.9296

242.4428,
282.5988, 365.6563

■ 0.0000, 0.0000,
0.0000

■ 29.4501, 37.9742,
57.4073

■ 29.4501, 37.9742,
57.4073

■ 27.4417, 36.1264,
57.1572

■ 31.9537, 40.0954,
57.6855

■ 25.8829, 34.5259,
56.9304

■ 34.9861, 42.5049,
57.9907

■ 24.7256, 33.1486,
56.7256

■ 38.5821, 45.2216,
58.3256

■ 23.8957, 31.9563,
56.5392

■ 42.7724, 48.2614,
58.6915

■ 23.7412, 31.7216,
56.5020

■ 47.5854, 51.6391,
59.0897

■ 53.0479, 55.3685,
59.5217

■ 59.1849, 59.4625,
59.9885

■ 66.0201, 63.9337,
60.4912

■ 72.6479, 68.3150,
60.9876

Harmonies

Analogous

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



28.1153, 37.9742, 43.6415



29.4501, 37.9742, 57.4073



32.5705, 37.9742, 68.2903

Triad

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



29.4501, 37.9742, 57.4073



44.5665, 37.9742, 52.6866



35.3124, 37.9742, 21.1913

Complementary

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



29.4501, 37.9742, 57.4073



28.3972, 20.9476, 10.5303

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.



39.8615, 37.9742, 22.6269



29.4501, 37.9742, 57.4073



45.4536, 37.9742, 39.1352

Square

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



29.4501, 37.9742, 57.4073



41.3350, 37.9742, 65.1906



43.6673, 37.9742, 28.6025



31.3147, 37.9742, 24.1679

Rectangle

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



29.4501, 37.9742, 57.4073



35.3707, 37.9742, 71.4215



43.6673, 37.9742, 28.6025



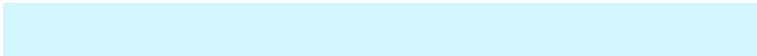
36.8257, 37.9742, 21.1818

Sweetspot

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



29.4513, 37.9756, 57.4082



77.1574, 86.8293, 105.1629



25.1565, 41.6892, 18.0477



16.5368, 18.7578, 22.9990



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.



29.4513, 37.9756, 57.4082



48.1885, 63.7563, 102.2362



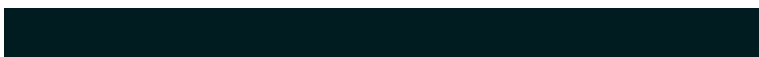
20.4679, 20.0089, 54.4138



10.2431, 11.1774, 12.9024



15.4770, 20.7105, 36.7384



0.7028, 0.9630, 1.5987

Inverse Universe

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



33.6606, 20.8925, 44.9079



56.7989, 31.4818, 76.0677



35.5138, 35.1808, 12.9025



10.4340, 10.2222, 12.3759



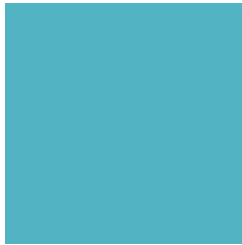
19.2081, 9.3730, 24.8054



0.8471, 0.4119, 1.1623

Previews

White Background



This preview shows how the XYZ color 29.4501, 37.9742, 57.4073 looks on a white background.

Color Contrast Check

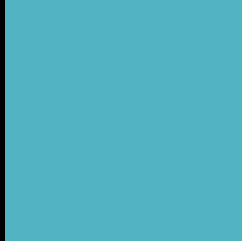
Large Text (above 18pt) WCAG AA × Fail

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 29.4501, 37.9742, 57.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

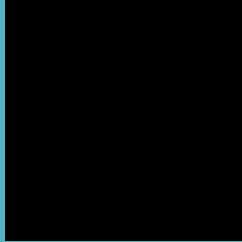
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4501, 37.9742, 57.4073

Background



This preview shows how black text looks on a background with the XYZ color 29.4501, 37.9742, 57.4073.



This preview shows how white text looks on a background with the XYZ color 29.4501, 37.9742,

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

29.4501, 37.9742, 57.4073

Protanopia

36.7544, 37.3786, 51.1766

Deuteranopia

38.3635, 37.5058, 59.2502



Tritanopia

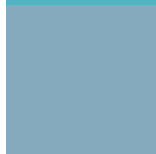
29.2510, 37.8846, 56.8097

Trichromacy



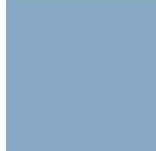
Original Color

29.4501, 37.9742, 57.4073



Protanomaly

33.0461, 37.0366, 53.5512



Deuteranomaly

34.0272, 37.1508, 58.8035



Tritanomaly

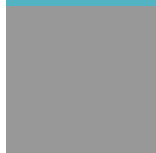
29.2510, 37.8846, 56.8097

Monochromacy



Original Color

29.4501, 37.9742, 57.4073



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

28.7406, 33.1798, 41.9353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4501, 37.9742, 57.4073 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(82, 179, 195)` looks like.

```
.text, #text, p{  
    color:rgb(82, 179, 195)  
}
```

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(82, 179, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 179, 195) }
```

Border

The CSS property to change the border of an element to XYZ 29.4501, 37.9742, 57.4073 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(82, 179, 195) }
```


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

```
.border{ border-color:rgb(82, 179, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 179, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 179, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 179, 195);  
box-shadow:4px 4px 4px 4px rgb(82, 179,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4501, 37.9742, 57.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 179, 195) }
```

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

```
.background{ background-color: rgb(82, 179,  
195) }
```

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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