

Converting Colors

XYZ(29.2882, 35.4015, 52.3032)

Have a look what the booklet for
XYZ(29.2882, 35.4015, 52.3032)
contains.

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Color

**XYZ(29.2882, 35.4015,
52.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	6AAABB
RGB	106, 170, 187
RGB Percent	42%, 67%, 73%
CMY	0.5843, 0.3333, 0.2667
CMYK	0.43, 0.09, 0.00, 0.27
HSL	193°, 37%, 57%
HSV	193°, 43%, 73%
XYZ	29.2882, 35.4015, 52.3032
YIQ	152.8020, -43.6010, -8.2810

Conversions

Conversions Part 2

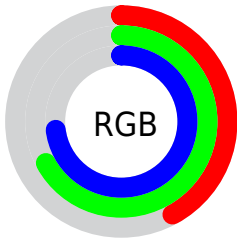
Format	Color
R _Y B	106, 142, 187
Decimal	6990523
CIE Lab	66.06, -15.99, -15.15
CIE LCh	66, 22.027, 223.459
Yxy	35.4015, 0.2503, 0.3026
Android (android.graphics.Color)	4285180603 (0xFF6AAABB)
YUV	152.8020, 16.8596, -41.0454
Hunter-Lab	59.4992, -16.2577, -10.4699

Details

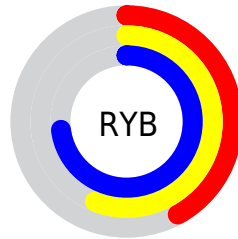
The XYZ color **29.2882, 35.4015, 52.3032** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.1786, 25.7718, 17.0204**, and the grayscale version is **30.1358, 31.7052, 34.5269**.

A 20% lighter version of the original color is **57.8008, 67.8986, 94.8533**, and **12.1468, 15.3819, 24.8831** is the 20% darker color. If you saturate the color by 10%, you get **26.5791, 32.9298, 51.9695**, and if you desaturate by 10%, it is **32.5060, 38.1696, 52.6685**.

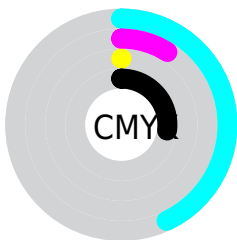
Distribution



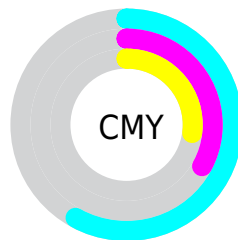
- Red (42%)
- Green (67%)
- Blue (73%)



- Red (42%)
- Yellow (56%)
- Blue (73%)



- Cyan (43%)
- Magenta (9%)
- Yellow (0%)
- Black (27%)



- Cyan (58%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2882, 35.4015, 52.3032 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 29.2882, 35.4015, 52.3032 by changing the saturation by 10% instead.

■ 29.2882, 35.4015,
52.3032

■ 29.2882, 35.4015,
52.3032

290.5421,
326.3370, 412.5962

■ 19.4443, 23.9723,
36.8629

■ 57.9291, 68.1073,
95.0094

■ 12.0977, 15.3131,
24.8064

■ 77.4568, 90.1527,
123.1123

■ 6.8829, 9.0394,
15.7152

■ 100.9431,
116.5056, 156.2732

■ 3.4347, 4.7669,
9.1707

■ 128.7535,
147.5505, 194.9107

■ 1.3876, 2.1112,
4.7543

161.2532,
183.6716, 239.4431

■ 0.2473, 0.6709,
2.0476

198.8076,

■ 0.0000, 0.0000,

225.2535, 290.2892

0.5843

241.7821,
272.6805, 347.8674

■ 0.0000, 0.0000,
0.0000

■ 29.2882, 35.4015,
52.3032

■ 29.2882, 35.4015,
52.3032

■ 26.5791, 32.9298,
51.9695

■ 32.5060, 38.1696,
52.6685

■ 24.3435, 30.7337,
51.6635

■ 36.2583, 41.2454,
53.0645

■ 22.5465, 28.7958,
51.3841

■ 40.5732, 44.6444,
53.4931

■ 21.1471, 27.0946,
51.1295

■ 45.4757, 48.3797,
53.9557

■ 20.0958, 25.6043,
50.8973

■ 50.9891, 52.4636,
54.4534

■ 19.5217, 24.6917,
50.7514

■ 57.1358, 56.9080,
54.9873

■ 63.9367, 61.7238,
55.5584

■ 71.1893, 66.8070,
56.1573

■ 72.1183, 68.6649,
56.4669

Harmonies

Analogous

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



27.8972, 35.4015, 42.8903



29.2882, 35.4015, 52.3032



31.8899, 35.4015, 58.5086

Triad

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



29.2882, 35.4015, 52.3032



40.0411, 35.4015, 43.9023



32.2060, 35.4015, 23.5544

Complementary

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



29.2882, 35.4015, 52.3032



30.1786, 25.7718, 17.0204

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.



35.4697, 35.4015, 23.7353



29.2882, 35.4015, 52.3032



40.1395, 35.4015, 34.5059

Square

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



29.2882, 35.4015, 52.3032



38.1599, 35.4015, 53.1468



38.4205, 35.4015, 27.4415



29.5067, 35.4015, 26.8992

Rectangle

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



29.2882, 35.4015, 52.3032



34.0288, 35.4015, 59.4544



38.4205, 35.4015, 27.4415



33.2702, 35.4015, 23.2235

Sweetspot

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



29.2893, 35.4029, 52.3040



72.7513, 80.0233, 95.8130



27.2402, 40.0156, 24.7664



15.6228, 17.3131, 21.0609



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.2893, 35.4029, 52.3040



47.8126, 59.1747, 93.1033



22.9369, 22.6982, 50.1866



9.6340, 10.4603, 12.1835



13.5039, 17.1194, 34.9856



0.5724, 0.7575, 1.3849

Inverse Universe

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



32.9041, 23.7761, 40.8867



55.3522, 36.4252, 68.9533



36.1398, 37.6942, 19.0075



9.8419, 9.6610, 11.5563



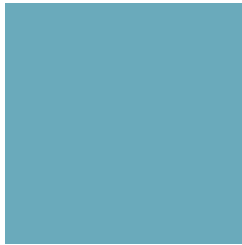
17.8169, 8.7579, 20.1272



0.7198, 0.3518, 0.9039

Previews

White Background



This preview shows how the XYZ color 29.2882, 35.4015, 52.3032 looks on a white background.

Color Contrast Check

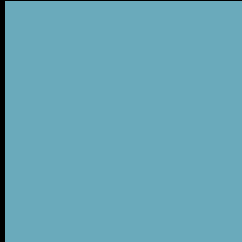
Large Text (above 18pt) WCAG AA × Fail

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 29.2882, 35.4015, 52.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

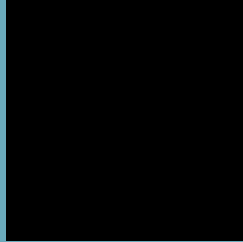
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2882, 35.4015, 52.3032

Background



This preview shows how black text looks on a background with the XYZ color 29.2882, 35.4015, 52.3032.



This preview shows how white text looks on a background with the XYZ color 29.2882, 35.4015,

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

29.2882, 35.4015, 52.3032

Protanopia

34.5410, 35.2597, 48.1653

Deuteranopia

35.8807, 35.0717, 53.5936



Tritanopia

28.8522, 35.2134, 50.6236

Trichromacy



Original Color

29.2882, 35.4015, 52.3032

Protanomaly

32.1257, 35.0166, 49.8654

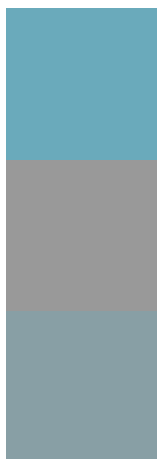
Deuteranomaly

32.9147, 34.8266, 53.1315

Tritanomaly

28.9574, 35.2555, 51.1777

Monochromacy



Original Color

29.2882, 35.4015, 52.3032

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.3430, 32.7471, 40.3716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2882, 35.4015, 52.3032 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(106, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(106, 170, 187)  
}
```

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(106, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 170, 187) }
```

Border

The CSS property to change the border of an element to XYZ 29.2882, 35.4015, 52.3032 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(106, 170, 187) }
```


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

```
.border{ border-color:rgb(106, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(106, 170,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2882, 35.4015, 52.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 170, 187) }
```

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

```
.background{ background-color: rgb(106,  
170, 187) }
```

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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