

Converting Colors

XYZ(29.9158, 35.1422, 56.2460)

Have a look what the booklet for
XYZ(29.9158, 35.1422, 56.2460)
contains.

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Color

**XYZ(29.9246, 35.0885,
56.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA8C2
RGB	108, 168, 194
RGB Percent	42%, 66%, 76%
CMY	0.5765, 0.3412, 0.2392
CMYK	0.44, 0.13, 0.00, 0.24
HSL	198°, 41%, 59%
HSV	198°, 44%, 76%
XYZ	29.9246, 35.0885, 56.2345
YIQ	153.0240, -44.1060, -4.6340

Conversions

Conversions Part 2

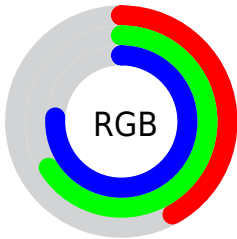
Format	Color
RYB	108, 143, 194
Decimal	7121090
CIELab	65.82, -12.51, -19.40
CIELCh	66, 23.086, 237.174
Yxy	35.0885, 0.2468, 0.2894
Android (android.graphics.Color)	4285311170 (0xFF6CA8C2)
YUV	153.0240, 20.2012, -39.4860
Hunter-Lab	59.2355, -13.4876, -14.8213

Details

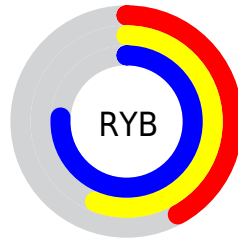
The XYZ color **29.9246, 35.0885, 56.2345** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.4807, 29.6030, 18.1377**, and the grayscale version is **30.2183, 31.7920, 34.6215**.

A 20% lighter version of the original color is **58.9045, 67.5269, 101.1962**, and **12.4472, 15.1411, 27.0774** is the 20% darker color. If you saturate the color by 10%, you get **26.7643, 31.8887, 55.7841**, and if you desaturate by 10%, it is **33.6609, 38.6593, 56.7274**.

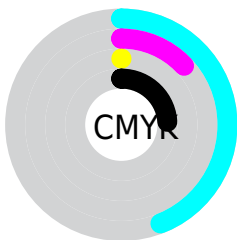
Distribution



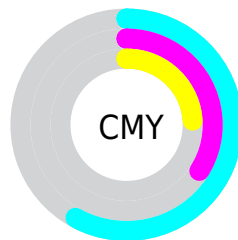
- Red (42%)
- Green (66%)
- Blue (76%)



- Red (42%)
- Yellow (56%)
- Blue (76%)



- Cyan (44%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (34%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9246, 35.0885, 56.2345 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 29.9246, 35.0885, 56.2345 by changing the saturation by 10% instead.

■ 29.9246, 35.0885,
56.2345

■ 29.9246, 35.0885,
56.2345

■ 293.4690,
324.9588, 427.9878

■ 19.9292, 23.7311,
39.9857

■ 58.9304, 67.6228,
100.8366

■ 12.4515, 15.1342,
27.2137

■ 78.6714, 89.5685,
130.0269

■ 7.1263, 8.9137,
17.4999

■ 102.3917,
115.8124, 164.3682

■ 3.5883, 4.6849,
10.4259

■ 130.4565,
146.7389, 204.2790

■ 1.4720, 2.0636,
5.5729

■ 163.2313,
182.7324, 250.1778

■ 0.3066, 0.6440,
2.5226

■ 201.0814,

■ 0.0000, 0.0000,

224.1773, 302.4832

0.8521

244.3722,
271.4580, 361.6137

■ 0.0000, 0.0000,
0.0000

■ 29.9246, 35.0885,
56.2345

■ 29.9246, 35.0885,
56.2345

■ 26.7643, 31.8887,
55.7841

■ 33.6609, 38.6593,
56.7274

■ 24.1408, 29.0365,
55.3718

■ 38.0026, 42.6148,
57.2621

■ 22.0151, 26.5114,
54.9965

■ 42.9807, 46.9727,
57.8409

■ 20.3408, 24.2887,
54.6557

■ 48.6232, 51.7484,
58.4653

■ 19.0619, 22.3385,
54.3467

■ 54.9565, 56.9562,
59.1367

■ 18.4509, 21.3215,
54.1825

■ 62.0051, 62.6099,
59.8565

■ 69.7927, 68.7223,
60.6258

■ 75.2584, 73.7163,
61.3017

■ 76.7780, 76.7556,
61.8082

Harmonies

Analogous

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



27.8567, 35.0885, 47.4278



29.9246, 35.0885, 56.2345



33.0286, 35.0885, 60.1690

Triad

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



29.9246, 35.0885, 56.2345



40.3291, 35.0885, 39.1378



30.4480, 35.0885, 23.8299

Complementary

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



29.9246, 35.0885, 56.2345



33.4807, 29.6030, 18.1377

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.



33.6746, 35.0885, 22.3663



29.9246, 35.0885, 56.2345



39.5231, 35.0885, 30.2634

Square

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



29.9246, 35.0885, 56.2345



39.1625, 35.0885, 49.3025



37.0285, 35.0885, 24.5116



28.1441, 35.0885, 28.9125

Rectangle

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



29.9246, 35.0885, 56.2345



35.3220, 35.0885, 59.0746



37.0285, 35.0885, 24.5116



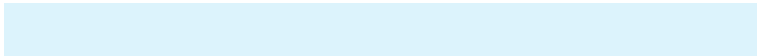
31.4538, 35.0885, 22.9404

Sweetspot

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



29.9257, 35.0898, 56.2353



78.9556, 86.0344, 104.9147



29.7662, 43.4882, 29.3075



16.8168, 18.4332, 22.9216



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.



29.9257, 35.0898, 56.2353



48.7458, 58.0416, 101.1038



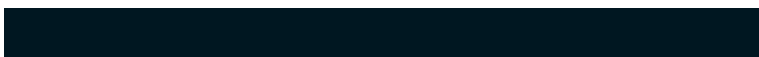
23.2819, 21.8022, 54.0207



10.1032, 10.8977, 12.8558



12.2056, 14.1676, 35.6479



0.5856, 0.7286, 1.5596

Inverse Universe

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



34.6795, 25.0227, 40.0493



58.7473, 38.6439, 66.6507



40.6384, 43.9182, 20.5236



10.3634, 10.1940, 12.0042



17.5568, 8.7125, 16.1099



0.7880, 0.3882, 0.8508

Previews

White Background



This preview shows how the XYZ color 29.9246, 35.0885, 56.2345 looks on a white background.

Color Contrast Check

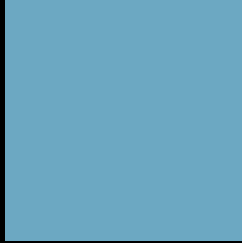
Large Text (above 18pt) WCAG AA × Fail

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 29.9246, 35.0885, 56.2345 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 29.9246, 35.0885, 56.2345

Background



This preview shows how black text looks on a background with the XYZ color 29.9246, 35.0885, 56.2345.



This preview shows how white text looks on a background with the XYZ color 29.9246, 35.0885,

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

29.9246, 35.0885, 56.2345

Protanopia

34.3334, 34.8139, 51.9239

Deuteranopia

35.6768, 34.8761, 57.6747



Tritanopia

28.7477, 35.1716, 50.0734

Trichromacy



Original Color

29.9246, 35.0885, 56.2345

Protanomaly

32.5311, 34.8767, 53.7325

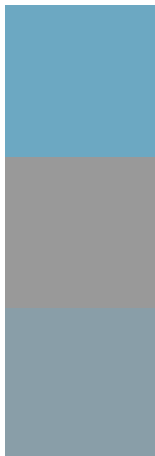
Deuteranomaly

33.1821, 34.6161, 57.1572

Tritanomaly

29.1015, 35.0280, 52.2410

Monochromacy



Original Color

29.9246, 35.0885, 56.2345

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.6113, 32.5992, 41.7774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9246, 35.0885, 56.2345 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(108, 168, 194)` looks like.

```
.text, #text, p{  
    color:rgb(108, 168, 194)  
}
```

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(108, 168, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 168, 194) }
```

Border

The CSS property to change the border of an element to XYZ 29.9246, 35.0885, 56.2345 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(108, 168, 194) }
```


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

```
.border{ border-color:rgb(108, 168, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 168, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 168, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 168, 194);  
box-shadow:4px 4px 4px 4px rgb(108, 168,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9246, 35.0885, 56.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 168, 194) }
```

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

```
.background{ background-color: rgb(108,  
168, 194) }
```

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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