

Converting Colors

XYZ(29.6450, 35.9015, 50.7146)

Have a look what the booklet for
XYZ(29.6450, 35.9015, 50.7146)
contains.

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Color

**XYZ(29.6450, 35.9015,
50.7146)**

Conversions

Conversions Part 1

Format	Color
Hex	6EABB8
RGB	110, 171, 184
RGB Percent	43%, 67%, 72%
CMY	0.5686, 0.3294, 0.2784
CMYK	0.40, 0.07, 0.00, 0.28
HSL	191°, 34%, 58%
HSV	191°, 40%, 72%
XYZ	29.6450, 35.9015, 50.7146
YIQ	154.2430, -40.5290, -8.8890

Conversions

Conversions Part 2

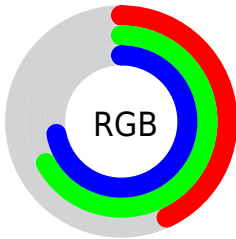
Format	Color
R _{YB}	110, 143, 184
Decimal	7252920
CIE Lab	66.44, -16.28, -12.89
CIE LCh	66, 20.763, 218.362
Yxy	35.9015, 0.2550, 0.3088
Android (android.graphics.Color)	4285443000 (0xFF6EABB8)
YUV	154.2430, 14.6702, -38.8011
Hunter-Lab	59.9179, -16.5415, -8.2407

Details

The XYZ color **29.6450, 35.9015, 50.7146** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.6651, 25.4825, 18.1077**, and the grayscale version is **30.7731, 32.3756, 35.2571**.

A 20% lighter version of the original color is **58.4416, 68.6833, 92.6151**, and **12.3244, 15.6731, 23.8484** is the 20% darker color. If you saturate the color by 10%, you get **26.9863, 33.6364, 50.4182**, and if you desaturate by 10%, it is **32.7962, 38.4443, 51.0399**.

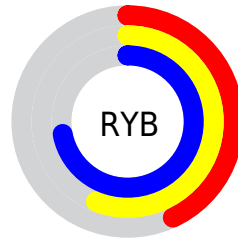
Distribution



Red (43%)

Green (67%)

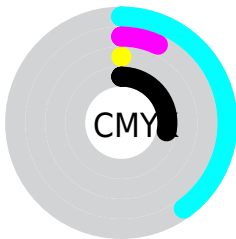
Blue (72%)



Red (43%)

Yellow (56%)

Blue (72%)

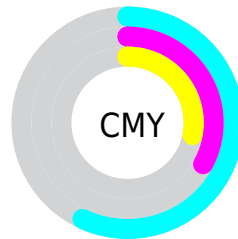


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (57%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.6450, 35.9015, 50.7146 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 29.6450, 35.9015, 50.7146 by changing the saturation by 10% instead.

■ 29.6450, 35.9015,
50.7146

■ 29.6450, 35.9015,
50.7146

292.1858,
328.5298, 406.2688

■ 19.7160, 24.3581,
35.6064

■ 58.4908, 68.8800,
92.6399

■ 12.2958, 15.5995,
23.8431

■ 78.1383, 91.0839,
120.2941

■ 7.0191, 9.2412,
15.0061

■ 101.7561,
117.6102, 152.9674

■ 3.5205, 4.8988,
8.6770

■ 129.7095,
148.8431, 191.0783

■ 1.4346, 2.1880,
4.4372

162.3637,
185.1672, 235.0453

■ 0.2807, 0.7135,
1.8681

200.0843,

■ 0.0000, 0.0000,

226.9667, 285.2871

0.4723

243.2366,
274.6261, 342.2220

■ 0.0000, 0.0000,
0.0000

■ 29.6450, 35.9015,
50.7146

■ 29.6450, 35.9015,
50.7146

■ 26.9863, 33.6364,
50.4182

■ 32.7962, 38.4443,
51.0399

■ 24.7870, 31.6294,
50.1467

■ 36.4637, 41.2747,
51.3930

■ 23.0152, 29.8646,
49.8994

■ 40.6740, 44.4074,
51.7757

■ 21.6332, 28.3224,
49.6746

■ 45.4503, 47.8546,
52.1894

■ 20.5966, 26.9798,
49.4701

■ 50.8149, 51.6277,
52.6349

■ 19.8283, 25.8137,
49.2855

■ 56.7885, 55.7378,
53.1134

■ 63.3911, 60.1952,
53.6258

■ 69.8262, 64.5894,
54.1348

■ 70.5673, 66.0716,
54.3818

Harmonies

Analogous

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



28.5412, 35.9015, 41.6350



29.6450, 35.9015, 50.7146



31.9650, 35.9015, 57.2729

Triad

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



29.6450, 35.9015, 50.7146



39.9904, 35.9015, 45.7534



33.2609, 35.9015, 24.4743

Complementary

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



29.6450, 35.9015, 50.7146



29.6651, 25.4825, 18.1077

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.



36.3767, 35.9015, 25.2321



29.6450, 35.9015, 50.7146



40.3895, 35.9015, 36.6521

Square

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



29.6450, 35.9015, 50.7146



37.9716, 35.9015, 54.1192



39.0313, 35.9015, 29.3942



30.5442, 35.9015, 27.1388

Rectangle

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



29.6450, 35.9015, 50.7146



33.9526, 35.9015, 58.8350



39.0313, 35.9015, 29.3942



34.2946, 35.9015, 24.3464

Sweetspot

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



29.6461, 35.9029, 50.7154



72.1368, 79.3279, 93.7144



27.1052, 39.0101, 24.6228



15.3327, 16.9401, 20.1833



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.



29.6461, 35.9029, 50.7154



49.5488, 61.5258, 91.4688



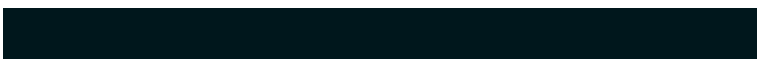
23.7005, 24.0116, 48.7336



9.1289, 9.9350, 11.5159



13.7115, 17.8828, 33.9821



0.5190, 0.7018, 1.2098

Inverse Universe

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



32.6946, 24.2833, 41.4936



55.9729, 38.1904, 71.7780



35.0379, 36.2280, 19.8987



9.3114, 9.1349, 10.9872



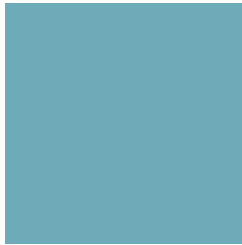
17.5346, 8.5876, 21.2340



0.6361, 0.3099, 0.8434

Previews

White Background



This preview shows how the XYZ color 29.6450, 35.9015, 50.7146 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 29.6450, 35.9015, 50.7146 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

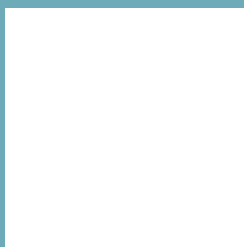
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.6450, 35.9015, 50.7146

Background



This preview shows how black text looks on a background with the XYZ color 29.6450, 35.9015, 50.7146.



This preview shows how white text looks on a background with the XYZ color 29.6450, 35.9015,

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

29.6450, 35.9015, 50.7146

Protanopia

34.8047, 35.6869, 46.6488

Deuteranopia

36.3365, 35.5943, 51.9690



Tritanopia

29.7503, 35.9436, 51.2687

Trichromacy



Original Color

29.6450, 35.9015, 50.7146

Protanomaly

32.4982, 35.5089, 48.3211

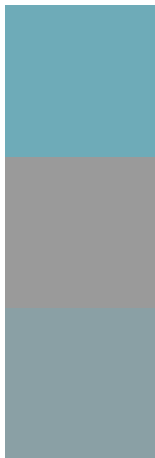
Deuteranomaly

33.2849, 35.3151, 51.5166

Tritanomaly

29.7503, 35.9436, 51.2687

Monochromacy



Original Color

29.6450, 35.9015, 50.7146

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.8436, 33.2615, 40.4445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.6450, 35.9015, 50.7146 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(110, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(110, 171, 184)  
}
```

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(110, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 171, 184) }
```

Border

The CSS property to change the border of an element to XYZ 29.6450, 35.9015, 50.7146 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(110, 171, 184) }
```


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

```
.border{ border-color:rgb(110, 171, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 171, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(110, 171,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 29.6450, 35.9015, 50.7146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 171, 184) }
```

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

```
.background{ background-color: rgb(110,  
171, 184) }
```

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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