

Converting Colors

XYZ(29.0386, 35.6941, 47.7610)

Have a look what the booklet for
XYZ(29.0386, 35.6941, 47.7610)
contains.

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Color

**XYZ(29.0063, 35.6317,
47.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	6DABB3
RGB	109, 171, 179
RGB Percent	43%, 67%, 70%
CMY	0.5725, 0.3294, 0.2980
CMYK	0.39, 0.04, 0.00, 0.30
HSL	187°, 32%, 56%
HSV	187°, 39%, 70%
XYZ	29.0063, 35.6317, 47.9966
YIQ	153.3740, -39.5200, -10.6560

Conversions

Conversions Part 2

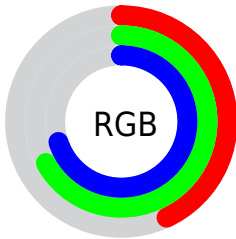
Format	Color
RYB	109, 142, 179
Decimal	7187379
CIELab	66.24, -17.84, -10.42
CIELCh	66, 20.662, 210.293
Yxy	35.6317, 0.2575, 0.3163
Android (android.graphics.Color)	4285377459 (0xFF6DABB3)
YUV	153.3740, 12.6336, -38.9160
Hunter-Lab	59.6923, -17.7229, -5.8885

Details

The XYZ color **29.0063, 35.6317, 47.9966** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.7126, 23.4110, 17.5271**, and the grayscale version is **30.4011, 31.9843, 34.8309**.

A 20% lighter version of the original color is **57.5016, 68.2834, 88.7466**, and **11.9383, 15.5122, 22.1036** is the 20% darker color. If you saturate the color by 10%, you get **26.6415, 33.8443, 47.7769**, and if you desaturate by 10%, it is **31.8277, 37.6650, 48.2410**.

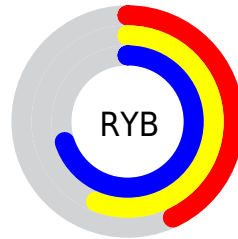
Distribution



Red (43%)

Green (67%)

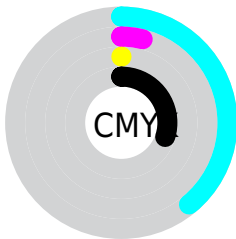
Blue (70%)



Red (43%)

Yellow (56%)

Blue (70%)

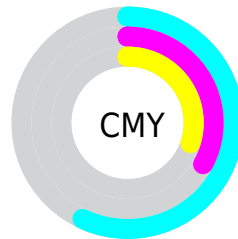


Cyan (39%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (57%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0063, 35.6317, 47.9966 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 29.0063, 35.6317, 47.9966 by changing the saturation by 10% instead.

■ 29.0063, 35.6317,
47.9966

■ 29.0063, 35.6317,
47.9966

289.2383,
327.3479, 395.2870

■ 19.2299, 24.1499,
33.4642

■ 57.4846, 68.4632,
88.5648

■ 11.9415, 15.4448,
22.2083

■ 76.9172, 90.5817,
115.4378

■ 6.7758, 9.1322,
13.8102

■ 100.2992,
117.0146, 147.2613

■ 3.3673, 4.8275,
7.8516

■ 127.9960,
148.1462, 184.4540

■ 1.3509, 2.1464,
3.9137

160.3730,
184.3609, 227.4344

■ 0.2208, 0.6905,
1.5781

197.7955,

■ 0.0000, 0.0000,

226.0432, 276.6210

0.2751

240.6288,
273.5774, 332.4323

■ 0.0000, 0.0000,
0.0000

■ 29.0063, 35.6317,
47.9966

■ 29.0063, 35.6317,
47.9966

■ 26.6415, 33.8443,
47.7769

■ 31.8277, 37.6650,
48.2410

■ 24.7025, 32.2845,
47.5780

■ 35.1275, 39.9530,
48.5087

■ 23.1602, 30.9379,
47.3993

■ 38.9301, 42.5092,
48.8017

■ 21.9798, 29.7867,
47.2393

■ 43.2572, 45.3448,
49.1209

■ 21.1211, 28.8099,
47.0961

■ 48.1292, 48.4703,
49.4674

■ 20.5088, 27.9689,
46.9660

■ 53.5655, 51.8958,
49.8421

■ 20.4573, 27.8958,
46.9546

■ 59.5845, 55.6307,
50.2458

■ 66.2037, 59.6843,
50.6793

■ 67.6629, 61.0869,
50.8731

Harmonies

Analogous

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



28.2832, 35.6317, 38.8837



29.0063, 35.6317, 47.9966



31.0160, 35.6317, 55.4719

Triad

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



29.0063, 35.6317, 47.9966



39.2756, 35.6317, 47.8237



33.8366, 35.6317, 24.1877

Complementary

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



29.0063, 35.6317, 47.9966



27.7126, 23.4110, 17.5271

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.



36.8873, 35.6317, 25.8511



29.0063, 35.6317, 47.9966



40.1409, 35.6317, 38.7102

Square

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



29.0063, 35.6317, 47.9966



36.9429, 35.6317, 55.3619



39.2422, 35.6317, 30.8549



30.9665, 35.6317, 25.9173

Rectangle

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



29.0063, 35.6317, 47.9966



32.8781, 35.6317, 58.0312



39.2422, 35.6317, 30.8549



34.8753, 35.6317, 24.3652

Sweetspot

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



29.0074, 35.6331, 47.9974



67.5133, 74.6610, 87.2339



25.5800, 36.7531, 22.2698



14.7609, 16.4094, 19.3116



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.0074, 35.6331, 47.9974



48.2243, 61.0095, 85.6155



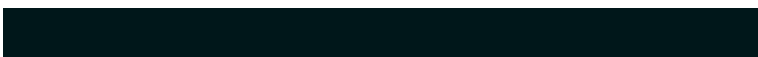
23.3899, 24.3982, 46.1249



8.6581, 9.4624, 10.8764



14.4862, 19.7727, 33.1900



0.4792, 0.6689, 1.0521

Inverse Universe

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



31.4106, 23.4623, 41.4027



53.2400, 36.4722, 71.6583



32.4181, 32.8219, 19.0956



8.8074, 8.6297, 10.4841



17.5466, 8.5362, 23.8361



0.5639, 0.2733, 0.8121

Previews

White Background



This preview shows how the XYZ color 29.0063, 35.6317, 47.9966 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 29.0063, 35.6317, 47.9966 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

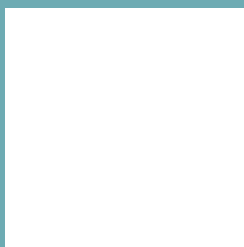
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0063, 35.6317, 47.9966

Background



This preview shows how black text looks on a background with the XYZ color 29.0063, 35.6317, 47.9966.

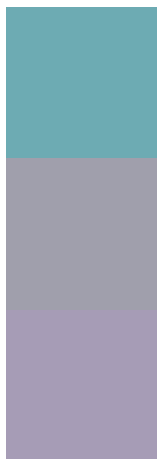


This preview shows how white text looks on a background with the XYZ color 29.0063, 35.6317,

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

29.0063, 35.6317, 47.9966

Protanopia

34.3417, 35.2484, 44.0233

Deuteranopia

36.0578, 35.2613, 49.1616



Tritanopia

29.4569, 35.5251, 50.6519

Trichromacy



Original Color

29.0063, 35.6317, 47.9966

Protanomaly

31.8196, 34.9523, 45.6268

Deuteranomaly

32.7624, 34.8457, 48.7152

Tritanomaly

29.2486, 35.4418, 49.5554

Monochromacy



Original Color

29.0063, 35.6317, 47.9966

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.4089, 33.0686, 39.0153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0063, 35.6317, 47.9966 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(109, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(109, 171, 179)  
}
```

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(109, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 171, 179) }
```

Border

The CSS property to change the border of an element to XYZ 29.0063, 35.6317, 47.9966 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(109, 171, 179) }
```


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

```
.border{ border-color:rgb(109, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(109, 171,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0063, 35.6317, 47.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 171, 179) }
```

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

```
.background{ background-color: rgb(109,  
171, 179) }
```

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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