

Converting Colors

XYZ(29.0964, 33.7902, 46.5836)

Have a look what the booklet for
XYZ(29.0964, 33.7902, 46.5836)
contains.

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Color

**XYZ(29.0964, 33.7902,
46.5836)**

Conversions

Conversions Part 1

Format	Color
Hex	79A4B1
RGB	121, 164, 177
RGB Percent	47%, 64%, 69%
CMY	0.5255, 0.3569, 0.3059
CMYK	0.32, 0.07, 0.00, 0.31
HSL	194°, 26%, 58%
HSV	194°, 32%, 69%
XYZ	29.0964, 33.7902, 46.5836
YIQ	152.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

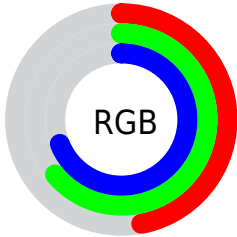
Format	Color
RYB	121, 145, 177
Decimal	7972017
CIELab	64.80, -11.28, -11.40
CIElCh	65, 16.036, 225.308
Yxy	33.7902, 0.2658, 0.3087
Android (android.graphics.Color)	4286162097 (0xFF79A4B1)
YUV	152.6250, 12.0169, -27.7351
Hunter-Lab	58.1293, -12.3789, -6.8232

Details

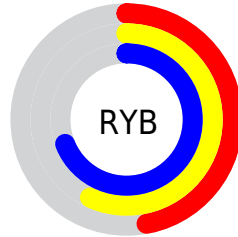
The XYZ color **29.0964, 33.7902, 46.5836** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.1082, 27.7780, 21.8647**, and the grayscale version is **30.0750, 31.6412, 34.4573**.

A 20% lighter version of the original color is **57.7187, 65.6602, 86.7224**, and **11.9580, 14.3457, 21.2075** is the 20% darker color. If you saturate the color by 10%, you get **26.1167, 31.1810, 46.2376**, and if you desaturate by 10%, it is **32.5570, 36.6842, 46.9604**.

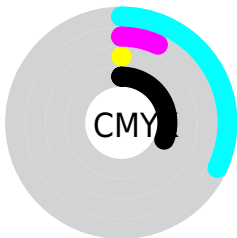
Distribution



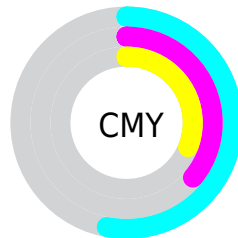
- Red (47%)
- Green (64%)
- Blue (69%)



- Red (47%)
- Yellow (57%)
- Blue (69%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (36%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0964, 33.7902, 46.5836 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 29.0964, 33.7902, 46.5836 by changing the saturation by 10% instead.

■ 29.0964, 33.7902,
46.5836

■ 29.0964, 33.7902,
46.5836

289.6555,
319.1955, 389.4955

■ 19.2984, 22.7325,
32.3546

■ 57.6267, 65.6073,
86.4352

■ 11.9914, 14.3961,
21.3654

■ 77.0897, 87.1354,
112.8949

■ 6.8100, 8.3967,
13.1975

■ 100.5052,
112.9225, 144.2686

■ 3.3888, 4.3498,
7.4324

128.2383,
143.3529, 180.9747

■ 1.3626, 1.8711,
3.6514

160.6546,
178.8110, 223.4320

■ 0.2293, 0.5309,
1.4361

198.1193,

■ 0.0000, 0.0000,

219.6812, 272.0588

0.1697

240.9978,
266.3479, 327.2738

■ 0.0000, 0.0000,
0.0000

■ 29.0964, 33.7902,
46.5836

■ 29.0964, 33.7902,
46.5836

■ 26.1167, 31.1810,
46.2376

■ 32.5570, 36.6842,
46.9604

■ 23.5898, 28.8393,
45.9188

■ 36.5187, 39.8713,
47.3668

■ 21.4890, 26.7519,
45.6266

■ 41.0041, 43.3644,
47.8046

■ 19.7838, 24.9027,
45.3595

■ 46.0338, 47.1742,
48.2748

■ 18.4392, 23.2733,
45.1159

■ 51.6268, 51.3110,
48.7785

■ 17.4135, 21.8419,
44.8937

■ 57.8016, 55.7845,
49.3166

■ 16.7285, 20.7594,
44.7208

■ 64.5756, 60.6041,
49.8898

■ 69.1127, 64.3079,
50.3656

■ 70.0576, 66.1977,
50.6805

Harmonies

Analogous

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



28.0248, 33.7902, 40.2492



29.0964, 33.7902, 46.5836



31.0045, 33.7902, 50.5014

Triad

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



29.0964, 33.7902, 46.5836



36.6020, 33.7902, 40.1092



30.9595, 33.7902, 25.8472

Complementary

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



29.0964, 33.7902, 46.5836



30.1082, 27.7780, 21.8647

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.



33.2549, 33.7902, 25.8192



29.0964, 33.7902, 46.5836



36.5885, 33.7902, 33.5382

Square

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



29.0964, 33.7902, 46.5836



35.3748, 33.7902, 46.4705



35.3388, 33.7902, 28.4783



29.0648, 33.7902, 28.5599

Rectangle

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



29.0964, 33.7902, 46.5836



32.5288, 33.7902, 50.9484



35.3388, 33.7902, 28.4783



31.7079, 33.7902, 25.5353

Sweetspot

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



29.0974, 33.7915, 46.5844



67.3092, 72.9093, 85.0206



27.8508, 37.2070, 27.9531



14.3484, 15.6130, 18.4017



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



29.0974, 33.7915, 46.5844



48.2817, 57.1891, 82.9892



24.7484, 25.0934, 45.1347



8.5721, 9.2904, 10.8478



12.1680, 15.1363, 32.4173



0.4237, 0.5580, 1.0336

Inverse Universe

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



31.6705, 25.7030, 38.4154



53.7297, 40.7890, 65.5302



34.3515, 36.2646, 23.2791



8.7640, 8.6123, 10.2555



16.3765, 8.0681, 17.6744



0.5359, 0.2621, 0.6648

Previews

White Background



This preview shows how the XYZ color 29.0964, 33.7902, 46.5836 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 29.0964, 33.7902, 46.5836 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

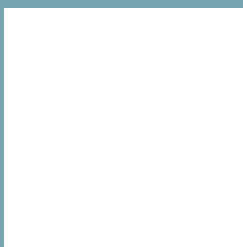
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.0964, 33.7902, 46.5836

Background



This preview shows how black text looks on a background with the XYZ color 29.0964, 33.7902, 46.5836.



This preview shows how white text looks on a background with the XYZ color 29.0964, 33.7902,

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

29.0964, 33.7902, 46.5836

Protanopia

32.8524, 33.7241, 43.8076

Deuteranopia

34.2259, 33.6142, 47.3321



Tritanopia

29.0964, 33.7902, 46.5836

Trichromacy



Original Color

29.0964, 33.7902, 46.5836

Protanomaly

31.3658, 33.6919, 44.8944

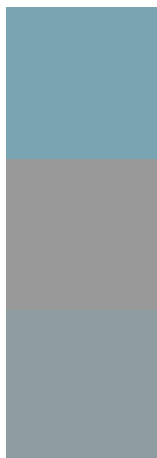
Deuteranomaly

31.9469, 33.4393, 46.8901

Tritanomaly

29.0964, 33.7902, 46.5836

Monochromacy



Original Color

29.0964, 33.7902, 46.5836

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.5631, 32.3853, 38.8753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0964, 33.7902, 46.5836 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(121, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(121, 164, 177)  
}
```

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(121, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 164, 177) }
```

Border

The CSS property to change the border of an element to XYZ 29.0964, 33.7902, 46.5836 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(121, 164, 177) }
```


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

```
.border{ border-color:rgb(121, 164, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 164, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(121, 164,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0964, 33.7902, 46.5836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 164, 177) }
```

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

```
.background{ background-color: rgb(121,  
164, 177) }
```

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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