

Converting Colors

XYZ(30.1404, 36.0363, 41.4864)

Have a look what the booklet for
XYZ(30.1404, 36.0363, 41.4864)
contains.

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Color

**XYZ(30.1597, 36.0918,
41.4532)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80AAA6 |
| RGB | 128, 170, 166 |
| RGB Percent | 50%, 67%, 65% |
| CMY | 0.4980, 0.3333, 0.3490 |
| CMYK | 0.25, 0.00, 0.02, 0.33 |
| HSL | 174°, 20%, 58% |
| HSV | 174°, 25%, 67% |
| XYZ | 30.1597, 36.0918, 41.4532 |
| YIQ | 156.9860, -23.7480, -10.1480 |

Conversions

Conversions Part 2

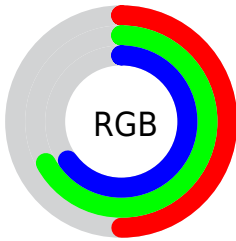
| Format | Color |
|-------------------------------------|--|
| RYB | 128, 150, 170 |
| Decimal | 8432294 |
| CIELab | 66.59, -14.96, -2.56 |
| CIELCh | 67, 15.173, 189.703 |
| Yxy | 36.0918, 0.2800, 0.3351 |
| Android (android.graphics.Color) | 4286622374 (0xFF80AAA6) |
| YUV | 156.9860, 4.4439, -25.4207 |
| Hunter-Lab | 60.0765, -15.5229, 1.1430 |

Details

The XYZ color **30.1597, 36.0918, 41.4532** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.4628, 25.6512, 25.2822**, and the grayscale version is **32.0306, 33.6987, 36.6979**.

A 20% lighter version of the original color is **59.2678, 69.0160, 78.6043**, and **12.5763, 15.7496, 18.2967** is the 20% darker color. If you saturate the color by 10%, you get **27.6664, 34.8245, 40.5664**, and if you desaturate by 10%, it is **33.0854, 37.5837, 42.3716**.

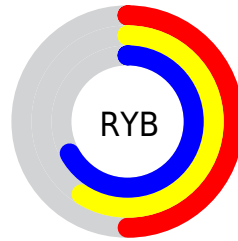
Distribution



Red (50%)

Green (67%)

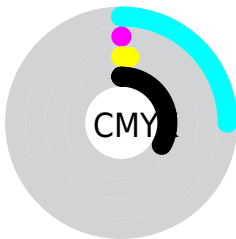
Blue (65%)



Red (50%)

Yellow (59%)

Blue (67%)

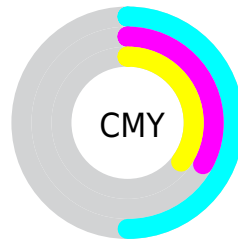


Cyan (25%)

Magenta (0%)

Yellow (2%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1597, 36.0918, 41.4532 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 30.1597, 36.0918, 41.4532 by changing the saturation by 10% instead.

■ 30.1597, 36.0918,
41.4532

■ 30.1597, 36.0918,
41.4532

294.5446,
329.3616, 367.9438

■ 20.1085, 24.5051,
28.3510

■ 59.2995, 69.1737,
78.6325

■ 12.5827, 15.7087,
18.3491

■ 79.1189, 91.4378,
103.5467

■ 7.2168, 9.3183,
11.0289

■ 102.9250,
118.0297, 133.2354

■ 3.6456, 4.9494,
5.9718

131.0833,
149.3339, 168.1170

■ 1.5037, 2.2176,
2.7595

163.9590,
185.7348, 208.6101

■ 0.3283, 0.7296,
0.9732

201.9176,

■ 0.0000, 0.0000,

227.6168, 255.1332

0.0000

245.3243,
275.3643, 308.1049

■ 30.1597, 36.0918,
41.4532

■ 30.1597, 36.0918,
41.4532

■ 27.6664, 34.8245,
40.5664

■ 33.0854, 37.5837,
42.3716

■ 25.5810, 33.7663,
39.7076

■ 36.4602, 39.3060,
43.3200

■ 23.8815, 32.9067,
38.8766

■ 40.3038, 41.2697,
44.3002

■ 22.5422, 32.2328,
38.0721

■ 44.6338, 43.4840,
45.3131

■ 21.5347, 31.7296,
37.2928

■ 49.4667, 45.9573,
46.3594

■ 20.8260, 31.3802,
36.5370

■ 54.8185, 48.6979,
47.4399

■ 20.3760, 31.1640,
35.8029

■ 60.7044, 51.7135,
48.5554

■ 20.1918, 31.0773,
35.4207

■ 63.7481, 53.2638,
49.5480

■ 63.9129, 53.3297,
50.4158

Harmonies

Analogous

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



30.3525, 36.0918, 35.0992



30.1597, 36.0918, 41.4532



31.0389, 36.0918, 47.8811

Triad

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



30.1597, 36.0918, 41.4532



37.1831, 36.0918, 49.7767



35.8484, 36.0918, 28.6541

Complementary

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



30.1597, 36.0918, 41.4532



28.4628, 25.6512, 25.2822

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.



37.7908, 36.0918, 31.8070



30.1597, 36.0918, 41.4532



38.5848, 36.0918, 43.8186

Square

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



30.1597, 36.0918, 41.4532



35.0487, 36.0918, 53.0263



38.8119, 36.0918, 37.2185



33.5702, 36.0918, 28.1704

Rectangle

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



30.1597, 36.0918, 41.4532



32.1386, 36.0918, 51.1726



38.8119, 36.0918, 37.2185



36.5649, 36.0918, 29.4188

Sweetspot

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



30.1607, 36.0933, 41.4540



64.5915, 70.5176, 78.1744



27.8191, 35.2311, 25.7567



14.3238, 15.6847, 17.4111



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.1607, 36.0933, 41.4540



51.9869, 64.0932, 74.2641



27.5828, 30.3406, 42.4345



7.7163, 8.5196, 9.4920



14.8638, 22.8643, 26.1136



0.3702, 0.5597, 0.6805

Inverse Universe

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



28.4628, 25.6512, 25.2822



48.3381, 41.6427, 39.5036



30.5699, 30.2954, 24.6590



7.5591, 7.5535, 7.9953



12.2746, 6.3185, 0.9914



0.3073, 0.1572, 0.0700

Previews

White Background



This preview shows how the XYZ color 30.1597, 36.0918, 41.4532 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 30.1597, 36.0918, 41.4532 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 30.1597, 36.0918, 41.4532

Background



This preview shows how black text looks on a background with the XYZ color 30.1597, 36.0918, 41.4532.

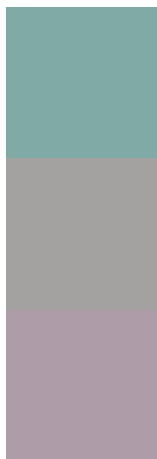


This preview shows how white text looks on a background with the XYZ color 30.1597, 36.0918,

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

30.1597, 36.0918, 41.4532

Protanopia

34.4877, 35.9555, 38.8406

Deuteranopia

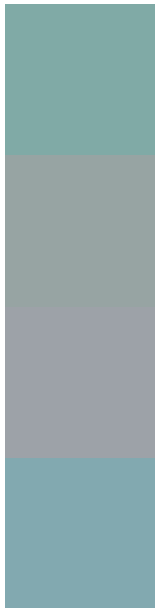
36.6740, 35.9772, 42.5475



Tritanopia

31.7032, 36.1668, 49.0260

Trichromacy



Original Color

30.1597, 36.0918, 41.4532

Protanomaly

32.6488, 35.7746, 39.8347

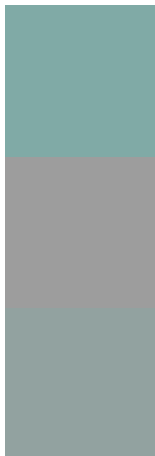
Deuteranomaly

33.8928, 35.8359, 42.1765

Tritanomaly

31.2304, 36.2563, 46.4265

Monochromacy



Original Color

30.1597, 36.0918, 41.4532

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.1196, 34.4897, 38.2747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1597, 36.0918, 41.4532 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(128, 170, 166)` looks like.

```
.text, #text, p{  
    color:rgb(128, 170, 166)  
}
```

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(128, 170, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 170, 166) }
```

Border

The CSS property to change the border of an element to XYZ 30.1597, 36.0918, 41.4532 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(128, 170, 166) }
```


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

```
.border{ border-color:rgb(128, 170, 166) }
```

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

Here you see how a box with a 4 pixel rgb(128, 170, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 170, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 170, 166);  
box-shadow:4px 4px 4px 4px rgb(128, 170,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1597, 36.0918, 41.4532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 170, 166) }
```

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

```
.background{ background-color: rgb(128,  
170, 166) }
```

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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