

Converting Colors

XYZ(30.1158, 36.6614, 40.1394)

Have a look what the booklet for
XYZ(30.1158, 36.6614, 40.1394)
contains.

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Color

**XYZ(30.1158, 36.6614,
40.1394)**

Conversions

Conversions Part 1

Format	Color
Hex	7FACA3
RGB	127, 172, 163
RGB Percent	50%, 67%, 64%
CMY	0.5020, 0.3255, 0.3608
CMYK	0.26, 0.00, 0.05, 0.33
HSL	168°, 21%, 59%
HSV	168°, 26%, 67%
XYZ	30.1158, 36.6614, 40.1394
YIQ	157.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

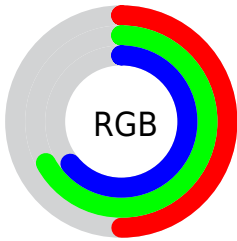
Format	Color
RYB	127, 152, 172
Decimal	8367267
CIELab	67.02, -16.98, -0.26
CIElCh	67, 16.987, 180.891
Yxy	36.6614, 0.2817, 0.3429
Android (android.graphics.Color)	4286557347 (0xFF7FACA3)
YUV	157.5190, 2.7021, -26.7652
Hunter-Lab	60.5487, -17.1775, 3.0791

Details

The XYZ color **30.1158, 36.6614, 40.1394** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.0479, 25.7280, 26.7292**, and the grayscale version is **32.2785, 33.9595, 36.9819**.

A 20% lighter version of the original color is **59.1800, 69.8239, 76.6879**, and **12.5662, 16.1171, 17.4875** is the 20% darker color. If you saturate the color by 10%, you get **27.4657, 35.3313, 38.4285**, and if you desaturate by 10%, it is **33.2137, 38.2233, 41.9166**.

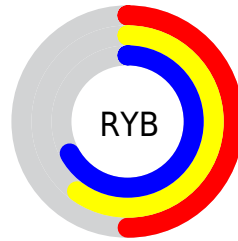
Distribution



Red (50%)

Green (67%)

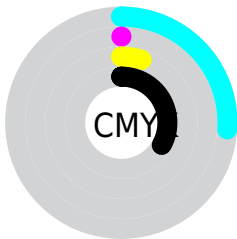
Blue (64%)



Red (50%)

Yellow (60%)

Blue (67%)

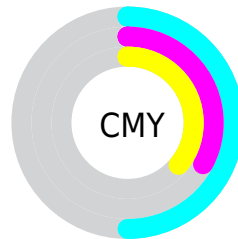


Cyan (26%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (50%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1158, 36.6614, 40.1394 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 30.1158, 36.6614, 40.1394 by changing the saturation by 10% instead.

■ 30.1158, 36.6614,
40.1394

■ 30.1158, 36.6614,
40.1394

294.3440,
331.8422, 362.2803

■ 20.0750, 24.9454,
27.3326

■ 59.2306, 70.0517,
76.6151

■ 12.5582, 16.0364,
17.5886

■ 79.0354, 92.4948,
101.1212

■ 7.1999, 9.5499,
10.4886

■ 102.8255,
119.2825, 130.3641

■ 3.6349, 5.1016,
5.6143

130.9663,
150.7990, 164.7624

■ 1.4977, 2.3070,
2.5470

163.8232,
187.4289, 204.7347

■ 0.3243, 0.7774,
0.8649

201.7616,

■ 0.0000, 0.0000,

229.5565, 250.6994

0.0000

245.1467,
277.5661, 303.0751

■ 30.1158, 36.6614,
40.1394

■ 30.1158, 36.6614,
40.1394

■ 27.4657, 35.3313,
38.4285

■ 33.2137, 38.2233,
41.9166

■ 25.2380, 34.2171,
36.7800

■ 36.7770, 40.0232,
43.7590

■ 23.4096, 33.3077,
35.1933

■ 40.8262, 42.0725,
45.6686

■ 21.9536, 32.5894,
33.6668

■ 45.3794, 44.3807,
47.6465

■ 20.8402, 32.0468,
32.1988

■ 50.4540, 46.9567,
49.6940

■ 20.0344, 31.6618,
30.7872

■ 56.0665, 49.8090,
51.8121

■ 19.4898, 31.4105,
29.4295

■ 62.2327, 52.9457,
54.0019

■ 19.3114, 31.3296,
28.9209

■ 65.3452, 54.5071,
56.0949

■ 65.7272, 54.6599,
58.1065

Harmonies

Analogous

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



30.6875, 36.6614, 33.3961



30.1158, 36.6614, 40.1394



30.7584, 36.6614, 47.6676

Triad

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



30.1158, 36.6614, 40.1394



37.4557, 36.6614, 53.3973



37.3157, 36.6614, 28.7447

Complementary

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



30.1158, 36.6614, 40.1394



29.0479, 25.7280, 26.7292

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.



39.2796, 36.6614, 33.0575



30.1158, 36.6614, 40.1394



39.3632, 36.6614, 47.2382

Square

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



30.1158, 36.6614, 40.1394



34.9228, 36.6614, 55.8802



40.0463, 36.6614, 39.6975



34.7685, 36.6614, 27.3279

Rectangle

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



30.1158, 36.6614, 40.1394



31.8082, 36.6614, 51.9917



40.0463, 36.6614, 39.6975



38.0703, 36.6614, 29.8752

Sweetspot

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



30.1168, 36.6629, 40.1402



65.3671, 71.9229, 78.7105



28.8600, 36.3361, 25.5719



13.9929, 15.5229, 16.9979



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.



30.1168, 36.6629, 40.1402



51.9427, 65.1562, 71.1283



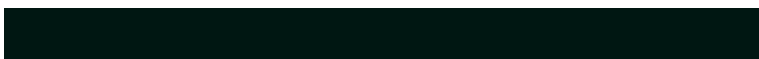
28.6411, 32.3743, 43.7707



8.1666, 9.0442, 9.9025



14.3900, 23.3213, 21.6251



0.4175, 0.6557, 0.6923

Inverse Universe

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



29.0479, 25.7280, 26.7292



49.6968, 42.1547, 42.9314



30.1869, 28.9873, 24.0835



8.0683, 8.0406, 8.6706



12.8962, 6.6210, 1.8330



0.3774, 0.1916, 0.1489

Previews

White Background



This preview shows how the XYZ color 30.1158, 36.6614, 40.1394 looks on a white background.

Color Contrast Check

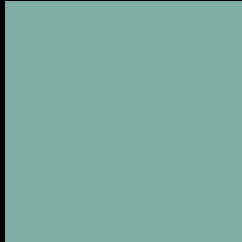
Large Text (above 18pt) WCAG AA × Fail

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 30.1158, 36.6614, 40.1394 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 30.1158, 36.6614, 40.1394

Background



This preview shows how black text looks on a background with the XYZ color 30.1158, 36.6614, 40.1394.



This preview shows how white text looks on a background with the XYZ color 30.1158, 36.6614,

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

30.1158, 36.6614, 40.1394

Protanopia

34.9425, 36.4905, 37.1000

Deuteranopia

37.2413, 36.5540, 41.1692



Tritanopia

32.0953, 36.6201, 50.1765

Trichromacy



Original Color

30.1158, 36.6614, 40.1394

Protanomaly

32.8431, 36.4510, 38.1056

Deuteranomaly

34.1868, 36.2819, 40.7986

Tritanomaly

31.4171, 36.6299, 46.4887

Monochromacy



Original Color

30.1158, 36.6614, 40.1394

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.4750, 34.9355, 38.3420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1158, 36.6614, 40.1394 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(127, 172, 163)` looks like.

```
.text, #text, p{  
    color:rgb(127, 172, 163)  
}
```

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(127, 172, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 172, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.1158, 36.6614, 40.1394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

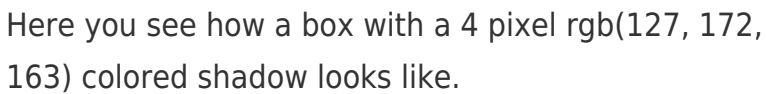
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 172, 163) }
```


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

```
.border{ border-color:rgb(127, 172, 163) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 172, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 172, 163); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 172, 163); box-shadow:4px 4px 4px 4px rgb(127, 172, 163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1158, 36.6614, 40.1394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 172, 163) }
```

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

```
.background{ background-color: rgb(127,  
172, 163) }
```

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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