

Converting Colors

XYZ(30.8589, 36.2045, 55.6852)

Have a look what the booklet for
XYZ(30.8589, 36.2045, 55.6852)
contains.

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Color

**XYZ(30.8104, 36.1104,
55.7982)**

Conversions

Conversions Part 1

Format	Color
Hex	71AAC1
RGB	113, 170, 193
RGB Percent	44%, 67%, 76%
CMY	0.5568, 0.3333, 0.2431
CMYK	0.41, 0.12, 0.00, 0.24
HSL	197°, 39%, 60%
HSV	197°, 41%, 76%
XYZ	30.8104, 36.1104, 55.7982
YIQ	155.5790, -41.3550, -4.9310

Conversions

Conversions Part 2

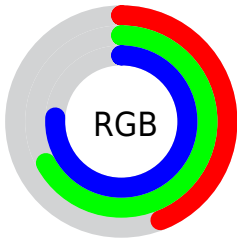
Format	Color
RYB	113, 146, 193
Decimal	7449281
CIELab	66.60, -12.58, -17.63
CIELCh	67, 21.657, 234.481
Yxy	36.1104, 0.2511, 0.2943
Android (android.graphics.Color)	4285639361 (0xFF71AAC1)
YUV	155.5790, 18.4486, -37.3418
Hunter-Lab	60.0919, -13.6402, -12.9892

Details

The XYZ color **30.8104, 36.1104, 55.7982** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.7778, 30.1387, 19.6609**, and the grayscale version is **31.3471, 32.9796, 35.9148**.

A 20% lighter version of the original color is **60.1725, 69.0148, 99.7723**, and **12.9423, 15.7508, 26.7842** is the 20% darker color. If you saturate the color by 10%, you get **27.5684, 32.9282, 55.3555**, and if you desaturate by 10%, it is **34.6265, 39.6554, 56.2820**.

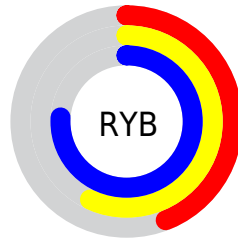
Distribution



Red (44%)

Green (67%)

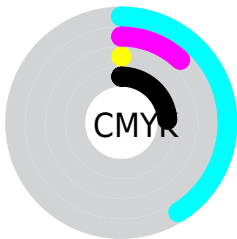
Blue (76%)



Red (44%)

Yellow (57%)

Blue (76%)

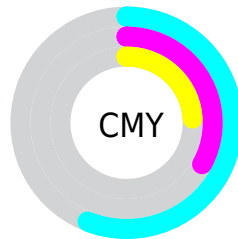


Cyan (41%)

Magenta (12%)

Yellow (0%)

Black (24%)



Cyan (56%)

Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8104, 36.1104, 55.7982 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 30.8104, 36.1104, 55.7982 by changing the saturation by 10% instead.

■ 30.8104, 36.1104,
55.7982

■ 30.8104, 36.1104,
55.7982

297.5064,
329.4428, 426.2975

■ 20.6056, 24.5195,
39.6382

■ 60.3193, 69.2024,
100.1923

■ 12.9469, 15.7194,
26.9450

■ 80.3542, 91.4723,
129.2635

■ 7.4687, 9.3258,
17.2998

■ 104.3964,
118.0707, 163.4756

■ 3.8058, 4.9543,
10.2843

132.8115,
149.3818, 203.2471

■ 1.5929, 2.2205,
5.4798

165.9646,
185.7902, 248.9964

■ 0.3878, 0.7311,
2.4678

204.2213,

■ 0.0000, 0.0000,

227.6803, 301.1423

0.8230

247.9467,
275.4363, 360.1031

■ 0.0000, 0.0000,
0.0000

■ 30.8104, 36.1104,
55.7982

■ 30.8104, 36.1104,
55.7982

■ 27.5684, 32.9282,
55.3555

■ 34.6265, 39.6554,
56.2820

■ 24.8629, 30.0861,
54.9495

■ 39.0448, 43.5759,
56.8058

■ 22.6568, 27.5651,
54.5792

■ 44.0952, 47.8891,
57.3722

■ 20.9064, 25.3418,
54.2423

■ 49.8048, 52.6095,
57.9824

■ 19.5599, 23.3885,
53.9362

■ 56.1990, 57.7511,
58.6378

■ 18.6450, 21.8887,
53.6950

■ 63.3018, 63.3269,
59.3397

■ 71.1359, 69.3495,
60.0892

■ 75.0114, 73.4016,
60.6671

■ 76.4431, 76.2649,
61.1443

Harmonies

Analogous

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



28.9318, 36.1104, 47.2289



30.8104, 36.1104, 55.7982



33.7231, 36.1104, 60.0097

Triad

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



30.8104, 36.1104, 55.7982



40.9407, 36.1104, 41.0684



31.7914, 36.1104, 25.1492

Complementary

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



30.8104, 36.1104, 55.7982



33.7778, 30.1387, 19.6609

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.



34.9277, 36.1104, 24.0308



30.8104, 36.1104, 55.7982



40.3430, 36.1104, 32.3439

Square

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



30.8104, 36.1104, 55.7982



39.6758, 36.1104, 50.6862



38.0905, 36.1104, 26.4516



29.4726, 36.1104, 29.7911

Rectangle

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



30.8104, 36.1104, 55.7982



35.9119, 36.1104, 59.3668



38.0905, 36.1104, 26.4516



32.7795, 36.1104, 24.3831

Sweetspot

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



30.8115, 36.1118, 55.7990



78.2661, 85.1736, 102.6754



30.3012, 43.4195, 29.9533



16.5240, 18.0475, 21.9979



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.8115, 36.1118, 55.7990



49.7310, 59.3344, 99.1919



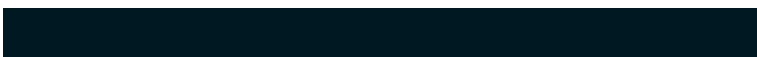
24.4637, 23.4161, 53.6831



10.1160, 10.9233, 12.8601



12.4721, 14.7008, 35.7368



0.5955, 0.7484, 1.5629

Inverse Universe

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



35.1541, 26.0510, 41.2072



58.8507, 39.8140, 68.1872



40.4338, 43.4507, 21.8795



10.3699, 10.1965, 12.0382



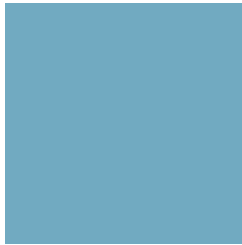
17.6913, 8.7663, 16.8185



0.7930, 0.3902, 0.8771

Previews

White Background



This preview shows how the XYZ color 30.8104, 36.1104, 55.7982 looks on a white background.

Color Contrast Check

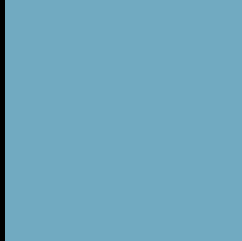
Large Text (above 18pt) WCAG AA × Fail

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 30.8104, 36.1104, 55.7982 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 30.8104, 36.1104, 55.7982

Background



This preview shows how black text looks on a background with the XYZ color 30.8104, 36.1104, 55.7982.



This preview shows how white text looks on a background with the XYZ color 30.8104, 36.1104,

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

30.8104, 36.1104, 55.7982

Protanopia

35.3384, 35.8549, 51.5125

Deuteranopia

36.6879, 35.9128, 57.2228



Tritanopia

29.8754, 36.0081, 51.2746

Trichromacy



Original Color

30.8104, 36.1104, 55.7982

Protanomaly

33.4453, 35.8878, 53.3084

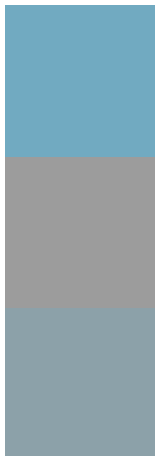
Deuteranomaly

34.0983, 35.6204, 56.7080

Tritanomaly

30.3221, 36.2014, 52.9664

Monochromacy



Original Color

30.8104, 36.1104, 55.7982

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

30.7215, 33.9298, 42.4660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8104, 36.1104, 55.7982 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(113, 170, 193)` looks like.

```
.text, #text, p{  
    color:rgb(113, 170, 193)  
}
```

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(113, 170, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 170, 193) }
```

Border

The CSS property to change the border of an element to XYZ 30.8104, 36.1104, 55.7982 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(113, 170, 193) }
```


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

```
.border{ border-color:rgb(113, 170, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 170, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 170, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 170, 193);  
box-shadow:4px 4px 4px 4px rgb(113, 170,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8104, 36.1104, 55.7982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 170, 193) }
```

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

```
.background{ background-color: rgb(113,  
170, 193) }
```

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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