

Converting Colors

XYZ(30.6381, 35.9438, 55.1922)

Have a look what the booklet for
XYZ(30.6381, 35.9438, 55.1922)
contains.

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Color

**XYZ(30.6992, 36.0659,
55.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	71AAC0
RGB	113, 170, 192
RGB Percent	44%, 67%, 75%
CMY	0.5568, 0.3333, 0.2471
CMYK	0.41, 0.11, 0.00, 0.25
HSL	197°, 39%, 60%
HSV	197°, 41%, 75%
XYZ	30.6992, 36.0659, 55.2126
YIQ	155.4650, -41.0340, -5.2420

Conversions

Conversions Part 2

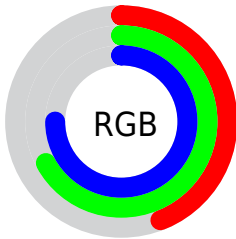
Format	Color
RYB	113, 146, 192
Decimal	7449280
CIELab	66.57, -12.85, -17.12
CIELCh	67, 21.408, 233.116
Yxy	36.0659, 0.2517, 0.2957
Android (android.graphics.Color)	4285639360 (0xFF71AAC0)
YUV	155.4650, 18.0118, -37.2418
Hunter-Lab	60.0549, -13.8494, -12.4710

Details

The XYZ color **30.6992, 36.0659, 55.2126** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.3836, 29.7274, 19.6023**, and the grayscale version is **31.2983, 32.9283, 35.8589**.

A 20% lighter version of the original color is **60.0169, 68.9526, 98.9529**, and **12.9423, 15.7508, 26.7842** is the 20% darker color. If you saturate the color by 10%, you get **27.5037, 32.9616, 54.7825**, and if you desaturate by 10%, it is **34.4602, 39.5240, 55.6825**.

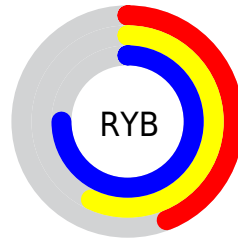
Distribution



Red (44%)

Green (67%)

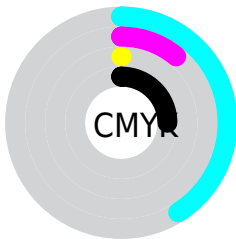
Blue (75%)



Red (44%)

Yellow (57%)

Blue (75%)

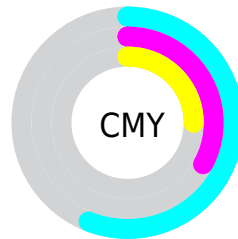


Cyan (41%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6992, 36.0659, 55.2126 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 30.6992, 36.0659, 55.2126 by changing the saturation by 10% instead.

■ 30.6992, 36.0659,
55.2126

■ 30.6992, 36.0659,
55.2126

297.0018,
329.2485, 424.0220

■ 20.5206, 24.4851,
39.1722

■ 60.1452, 69.1338,
99.3266

■ 12.8845, 15.6939,
26.5849

■ 80.1434, 91.3896,
128.2374

■ 7.4255, 9.3078,
17.0320

■ 104.1455,
117.9726, 162.2753

■ 3.7783, 4.9425,
10.0951

132.5168,
149.2671, 201.8590

■ 1.5775, 2.2135,
5.3556

165.6228,
185.6576, 247.4070

■ 0.3777, 0.7274,
2.3950

203.8287,

■ 0.0000, 0.0000,

227.5284, 299.3378

0.7837

247.4999,
275.2639, 358.0699

■ 0.0000, 0.0000,
0.0000

■ 30.6992, 36.0659,
55.2126

■ 30.6992, 36.0659,
55.2126

■ 27.5037, 32.9616,
54.7825

■ 34.4602, 39.5240,
55.6825

■ 24.8367, 30.1886,
54.3878

■ 38.8143, 43.3481,
56.1911

■ 22.6618, 27.7285,
54.0276

■ 43.7909, 47.5551,
56.7409

■ 20.9361, 25.5583,
53.6996

■ 49.4167, 52.1594,
57.3331

■ 19.6088, 23.6511,
53.4015

■ 55.7166, 57.1744,
57.9690

■ 18.6800, 22.1367,
53.1581

■ 62.7142, 62.6130,
58.6500

■ 70.4320, 68.4875,
59.3771

■ 74.4924, 72.5416,
59.9456

■ 75.8577, 75.2721,
60.4007

Harmonies

Analogous

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



28.8992, 36.0659, 46.6435



30.6992, 36.0659, 55.2126



33.5434, 36.0659, 59.6145

Triad

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



30.6992, 36.0659, 55.2126



40.7949, 36.0659, 41.4316



31.9079, 36.0659, 25.1256

Complementary

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



30.6992, 36.0659, 55.2126



33.3836, 29.7274, 19.6023

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.



35.0264, 36.0659, 24.1765



30.6992, 36.0659, 55.2126



40.2894, 36.0659, 32.7170

Square

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



30.6992, 36.0659, 55.2126



39.4693, 36.0659, 50.8914



38.1280, 36.0659, 26.7355



29.5660, 36.0659, 29.5673

Rectangle

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



30.6992, 36.0659, 55.2126



35.7025, 36.0659, 59.1738



38.1280, 36.0659, 26.7355



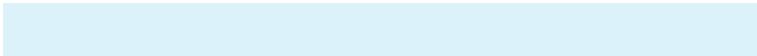
32.8949, 36.0659, 24.4193

Sweetspot

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



30.7003, 36.0673, 55.2134



78.3464, 85.3341, 102.7021



29.9683, 42.9339, 29.2873



16.5429, 18.0855, 22.0042



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.



30.7003, 36.0673, 55.2134



50.5641, 60.4524, 99.3638



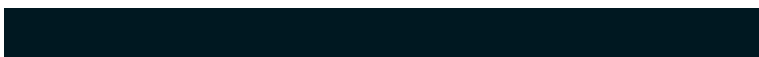
24.5001, 23.6668, 53.1467



10.1238, 10.9389, 12.8627



12.6377, 15.0319, 35.7920



0.6016, 0.7606, 1.5650

Inverse Universe

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



34.9000, 25.9201, 41.1953



59.4050, 40.5481, 69.5268



39.7722, 42.5045, 21.7318



10.3738, 10.1981, 12.0589



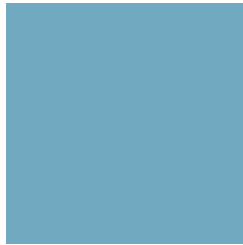
17.7749, 8.7997, 17.2585



0.7960, 0.3914, 0.8933

Previews

White Background



This preview shows how the XYZ color 30.6992, 36.0659, 55.2126 looks on a white background.

Color Contrast Check

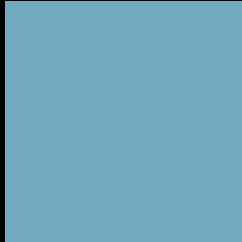
Large Text (above 18pt) WCAG AA × Fail

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 30.6992, 36.0659, 55.2126 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 30.6992, 36.0659, 55.2126

Background



This preview shows how black text looks on a background with the XYZ color 30.6992, 36.0659, 55.2126.



This preview shows how white text looks on a background with the XYZ color 30.6992, 36.0659,

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

30.6992, 36.0659, 55.2126

Protanopia

35.2324, 35.8125, 50.9545

Deuteranopia

36.5744, 35.8674, 56.6252



Tritanopia

29.8754, 36.0081, 51.2746

Trichromacy



Original Color

30.6992, 36.0659, 55.2126

Protanomaly

33.3371, 35.8445, 52.7386

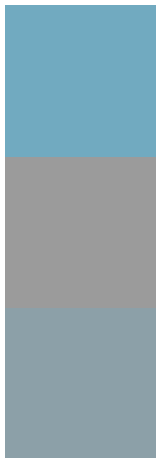
Deuteranomaly

33.9856, 35.5753, 56.1144

Tritanomaly

30.3221, 36.2014, 52.9664

Monochromacy



Original Color

30.6992, 36.0659, 55.2126

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.4539, 33.5442, 41.9154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6992, 36.0659, 55.2126 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(113, 170, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 170, 192) }
```

Border

The CSS property to change the border of an element to XYZ 30.6992, 36.0659, 55.2126 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, 192) }
```


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

```
.border{ border-color:rgb(113, 170, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 170, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 170, 192);  
box-shadow:4px 4px 4px 4px rgb(113, 170,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6992, 36.0659, 55.2126 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, 192) }
```

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

```
.background{ background-color: rgb(113,  
170, 192) }
```

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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