

Converting Colors

XYZ(30.6100, 36.0204, 37.7210)

Have a look what the booklet for
XYZ(30.6100, 36.0204, 37.7210)
contains.

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Color

**XYZ(30.6761, 36.1629,
37.7111)**

Conversions

Conversions Part 1

Format	Color
Hex	89A99E
RGB	137, 169, 158
RGB Percent	54%, 66%, 62%
CMY	0.4627, 0.3372, 0.3804
CMYK	0.19, 0.00, 0.07, 0.34
HSL	159°, 16%, 60%
HSV	159°, 19%, 66%
XYZ	30.6761, 36.1629, 37.7111
YIQ	158.1780, -15.5410, -10.2050

Conversions

Conversions Part 2

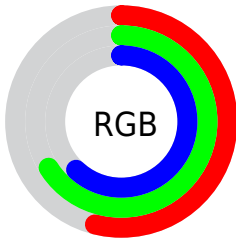
Format	Color
RYB	137, 156, 169
Decimal	9021854
CIELab	66.64, -13.25, 2.04
CIELCh	67, 13.410, 171.265
Yxy	36.1629, 0.2934, 0.3459
Android (android.graphics.Color)	4287211934 (0xFF89A99E)
YUV	158.1780, -0.0878, -18.5731
Hunter-Lab	60.1356, -14.1817, 4.9141

Details

The XYZ color **30.6761, 36.1629, 37.7111** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.6545, 28.4655, 31.8974**, and the grayscale version is **32.5864, 34.2835, 37.3347**.

A 20% lighter version of the original color is **60.1518, 69.1918, 73.1358**, and **12.9456, 15.8104, 16.2793** is the 20% darker color. If you saturate the color by 10%, you get **27.6316, 34.6508, 35.0198**, and if you desaturate by 10%, it is **34.1803, 37.9112, 40.5489**.

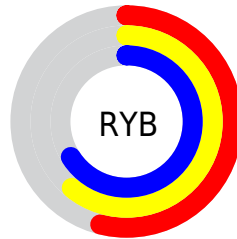
Distribution



Red (54%)

Green (66%)

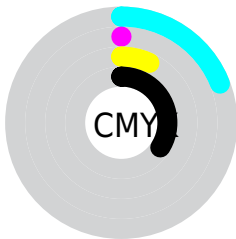
Blue (62%)



Red (54%)

Yellow (61%)

Blue (66%)

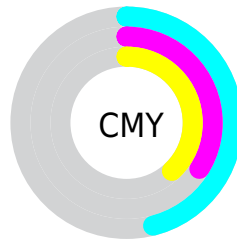


Cyan (19%)

Magenta (0%)

Yellow (7%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6761, 36.1629, 37.7111 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 30.6761, 36.1629, 37.7111 by changing the saturation by 10% instead.

■ 30.6761, 36.1629,
37.7111

■ 30.6761, 36.1629,
37.7111

296.8969,
329.6720, 351.6400

■ 20.5029, 24.5600,
25.4585

■ 60.1091, 69.2834,
72.8636

■ 12.8715, 15.7496,
16.1968

■ 80.0996, 91.5699,
96.6006

■ 7.4165, 9.3471,
9.5077

■ 104.0933,
118.1863, 125.0027

■ 3.7726, 4.9683,
4.9725

132.4556,
149.5171, 158.4886

■ 1.5743, 2.2287,
2.1727

165.5517,
185.9467, 197.4767

■ 0.3756, 0.7356,
0.6585

203.7471,

■ 0.0000, 0.0000,

227.8594, 242.3856

0.0000

247.4070,
275.6397, 293.6338

■ 30.6761, 36.1629,
37.7111

■ 30.6761, 36.1629,
37.7111

■ 27.6316, 34.6508,
35.0198

■ 34.1803, 37.9112,
40.5489

■ 25.0232, 33.3599,
32.4698

■ 38.1602, 39.9010,
43.5334

■ 22.8299, 32.2803,
30.0594

■ 42.6349, 42.1431,
46.6678

■ 21.0276, 31.3996,
27.7856

■ 47.6216, 44.6462,
49.9544

■ 19.5898, 30.7043,
25.6453

■ 53.1363, 47.4187,
53.3956

■ 18.4861, 30.1787,
23.6354

■ 59.1947, 50.4685,
56.9937

■ 17.6816, 29.8048,
21.7521

■ 65.6996, 53.7456,
60.7456

■ 17.1090, 29.5480,
19.9906

■ 66.3859, 54.0201,
64.3596

■ 17.0523, 29.5227,
19.8097

■ 67.0982, 54.3050,
68.1107

Harmonies

Analogous

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



31.4319, 36.1629, 32.8209



30.6761, 36.1629, 37.7111



30.8798, 36.1629, 43.5464

Triad

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



30.6761, 36.1629, 37.7111



35.7989, 36.1629, 50.6702



36.8582, 36.1629, 31.3246

Complementary

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



30.6761, 36.1629, 37.7111



30.6545, 28.4655, 31.8974

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.



38.1175, 36.1629, 35.4794



30.6761, 36.1629, 37.7111



37.4894, 36.1629, 46.7488

Square

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



30.6761, 36.1629, 37.7111



33.7857, 36.1629, 51.4168



38.3529, 36.1629, 41.0877



34.9646, 36.1629, 29.3778

Rectangle

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



30.6761, 36.1629, 37.7111



31.5358, 36.1629, 47.1718



38.3529, 36.1629, 41.0877



37.3728, 36.1629, 32.4889

Sweetspot

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



30.6771, 36.1644, 37.7119



63.1399, 68.8567, 74.1022



30.9535, 36.4982, 29.0811



13.6693, 14.9615, 16.0804



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.6771, 36.1644, 37.7119



52.3981, 63.5017, 65.3471



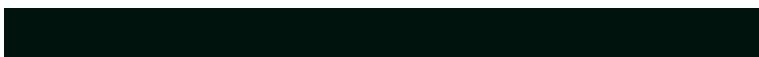
30.7905, 34.8069, 42.6334



7.6363, 8.4876, 9.0710



12.7343, 22.0125, 14.8996



0.3324, 0.5446, 0.4816

Inverse Universe

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



30.6545, 28.4655, 31.8974



52.3503, 46.9847, 52.8768



30.5220, 29.5288, 27.7586



7.6336, 7.5833, 8.3877



12.7889, 6.5243, 3.6997



0.3351, 0.1683, 0.2162

Previews

White Background



This preview shows how the XYZ color 30.6761, 36.1629, 37.7111 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 30.6761, 36.1629, 37.7111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

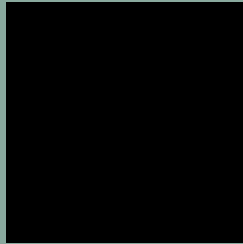
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6761, 36.1629, 37.7111

Background



This preview shows how black text looks on a background with the XYZ color 30.6761, 36.1629, 37.7111.



This preview shows how white text looks on a background with the XYZ color 30.6761, 36.1629,

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

30.6761, 36.1629, 37.7111

Protanopia

34.3035, 35.9298, 35.6990

Deuteranopia

36.6816, 35.8151, 38.6979



Tritanopia

32.7574, 36.1898, 47.9067

Trichromacy



Original Color

30.6761, 36.1629, 37.7111

Protanomaly

32.7094, 35.8860, 36.2131

Deuteranomaly

34.1943, 35.8143, 38.3683

Tritanomaly

31.9846, 36.1532, 43.8206

Monochromacy



Original Color

30.6761, 36.1629, 37.7111

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.6696, 34.7933, 37.3944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6761, 36.1629, 37.7111 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(137, 169, 158)` looks like.

```
.text, #text, p{  
    color:rgb(137, 169, 158)  
}
```

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(137, 169, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 169, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.6761, 36.1629, 37.7111 is called "border". The border property can be set on classes, ids or directly on the HTML element.

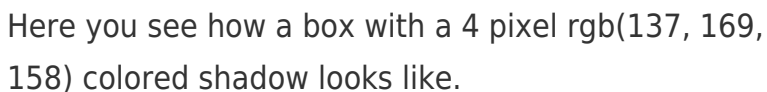
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 169, 158) }
```


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

```
.border{ border-color:rgb(137, 169, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 169, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 169, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 169, 158); box-shadow:4px 4px 4px 4px rgb(137, 169, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6761, 36.1629, 37.7111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 169, 158) }
```

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

```
.background{ background-color: rgb(137,  
169, 158) }
```

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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