

Converting Colors

XYZ(30.5496, 33.8544, 37.7451)

Have a look what the booklet for
XYZ(30.5496, 33.8544, 37.7451)
contains.

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Color

**XYZ(30.6799, 34.0127,
37.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	91A19F
RGB	145, 161, 159
RGB Percent	57%, 63%, 62%
CMY	0.4314, 0.3686, 0.3765
CMYK	0.10, 0.00, 0.01, 0.37
HSL	172°, 8%, 60%
HSV	172°, 10%, 63%
XYZ	30.6799, 34.0127, 37.7490
YIQ	155.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

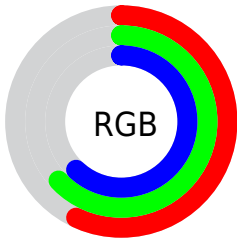
Format	Color
RYB	145, 154, 161
Decimal	9544095
CIELab	64.97, -6.04, -0.89
CIELCh	65, 6.101, 188.414
Yxy	34.0127, 0.2995, 0.3320
Android (android.graphics.Color)	4287734175 (0xFF91A19F)
YUV	155.9880, 1.4849, -9.6365
Hunter-Lab	58.3204, -8.1594, 2.4477

Details

The XYZ color **30.6799, 34.0127, 37.7490** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0910, 29.9353, 31.7974**, and the grayscale version is **31.5918, 33.2370, 36.1951**.

A 20% lighter version of the original color is **60.2467, 66.1089, 73.2033**, and **12.7915, 14.3997, 16.2926** is the 20% darker color. If you saturate the color by 10%, you get **27.8683, 32.5843, 36.7128**, and if you desaturate by 10%, it is **33.8983, 35.6524, 38.8206**.

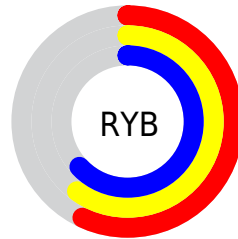
Distribution



Red (57%)

Green (63%)

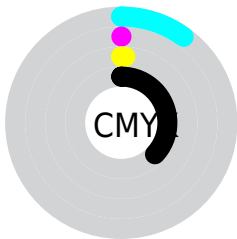
Blue (62%)



Red (57%)

Yellow (60%)

Blue (63%)

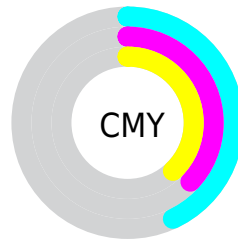


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (37%)



Cyan (43%)

Magenta (37%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6799, 34.0127, 37.7490 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 30.6799, 34.0127, 37.7490 by changing the saturation by 10% instead.

■ 30.6799, 34.0127,
37.7490

■ 30.6799, 34.0127,
37.7490

296.9142,
320.1887, 351.8079

■ 20.5059, 22.9034,
25.4876

■ 60.1150, 65.9534,
72.9224

■ 12.8737, 14.5222,
16.2184

■ 80.1068, 87.5536,
96.6715

■ 7.4180, 8.4847,
9.5228

104.1019,
113.4195, 125.0869

■ 3.7735, 4.4066,
4.9823

132.4656,
143.9355, 158.5872

■ 1.5748, 1.9035,
2.1783

165.5634,
179.4860, 197.5909

■ 0.3759, 0.5505,
0.6618

203.7605,

■ 0.0000, 0.0000,

220.4555, 242.5166

0.0000

247.4223,
267.2282, 293.7827

■ 30.6799, 34.0127,
37.7490

■ 30.6799, 34.0127,
37.7490

■ 27.8683, 32.5843,
36.7128

■ 33.8983, 35.6524,
38.8206

■ 25.4439, 31.3541,
35.7088

■ 37.5366, 37.5073,
39.9260

■ 23.3896, 30.3145,
34.7368

■ 41.6106, 39.5865,
41.0669

■ 21.6858, 29.4552,
33.7959

■ 46.1347, 41.8974,
42.2439

■ 20.3115, 28.7655,
32.8851

■ 51.1224, 44.4469,
43.4578

■ 19.2429, 28.2330,
32.0030

■ 56.5867, 47.2419,
44.7092

■ 18.4534, 27.8441,
31.1485

■ 61.5385, 49.7722,
45.9519

■ 17.9117, 27.5826,
30.3200

■ 61.7351, 49.8509,
46.9874

■ 17.5446, 27.4108,
29.5140

■ 61.9347, 49.9307,
48.0385

Harmonies

Analogous

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



30.7772, 34.0127, 35.2765



30.6799, 34.0127, 37.7490



31.0179, 34.0127, 40.1333

Triad

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



30.6799, 34.0127, 37.7490



33.3928, 34.0127, 40.9699



32.9557, 34.0127, 32.7005

Complementary

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



30.6799, 34.0127, 37.7490



30.0910, 29.9353, 31.7974

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.



33.6746, 34.0127, 34.0986



30.6799, 34.0127, 37.7490



33.9301, 34.0127, 38.8491

Square

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



30.6799, 34.0127, 37.7490



32.5767, 34.0127, 42.0474



34.0342, 34.0127, 36.3282



32.0806, 34.0127, 32.4359

Rectangle

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



30.6799, 34.0127, 37.7490



31.4482, 34.0127, 41.3257



34.0342, 34.0127, 36.3282



33.2241, 34.0127, 33.0503

Sweetspot

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



30.6809, 34.0141, 37.7498



58.8305, 62.8918, 68.9165



29.9132, 33.7509, 31.7265



12.8022, 13.7421, 15.0815



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



30.6809, 34.0141, 37.7498



53.7298, 60.2956, 67.1734



29.8546, 32.0812, 38.3387



7.2378, 7.9959, 8.8639



14.0202, 21.8944, 23.6208



0.3046, 0.4640, 0.5488

Inverse Universe

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



30.0910, 29.9353, 31.7974



52.4504, 51.4484, 54.2629



30.8551, 31.7128, 31.2834



7.1082, 7.0997, 7.5561



11.8496, 6.0959, 1.1325



0.2589, 0.1321, 0.0760

Previews

White Background



This preview shows how the XYZ color 30.6799, 34.0127, 37.7490 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 30.6799, 34.0127, 37.7490 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

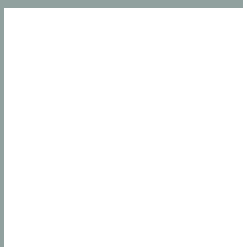
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6799, 34.0127, 37.7490

Background



This preview shows how black text looks on a background with the XYZ color 30.6799, 34.0127, 37.7490.

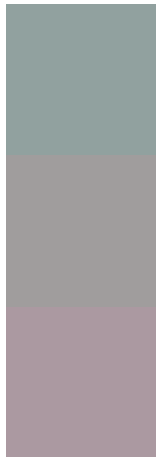


This preview shows how white text looks on a background with the XYZ color 30.6799, 34.0127,

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

30.6799, 34.0127, 37.7490

Protanopia

32.6400, 34.0218, 36.7448

Deuteranopia

34.6188, 34.0136, 38.4589



Tritanopia

31.8772, 33.9779, 43.9080

Trichromacy



Original Color

30.6799, 34.0127, 37.7490

Protanomaly

31.9160, 33.8909, 37.2072

Deuteranomaly

33.1339, 33.9964, 38.0733

Tritanomaly

31.3999, 34.0426, 41.4751

Monochromacy



Original Color

30.6799, 34.0127, 37.7490

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2616, 33.5634, 36.7290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6799, 34.0127, 37.7490 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(145, 161, 159)` looks like.

```
.text, #text, p{  
    color:rgb(145, 161, 159)  
}
```

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(145, 161, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 161, 159) }
```

Border

The CSS property to change the border of an element to XYZ 30.6799, 34.0127, 37.7490 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(145, 161, 159) }
```


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

```
.border{ border-color:rgb(145, 161, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 161, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 161, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 161, 159);  
box-shadow:4px 4px 4px 4px rgb(145, 161,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6799, 34.0127, 37.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 161, 159) }
```

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

```
.background{ background-color: rgb(145,  
161, 159) }
```

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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