

Converting Colors

XYZ(25.9992, 31.6804, 36.2784)

Have a look what the booklet for
XYZ(25.9992, 31.6804, 36.2784)
contains.

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Color

**XYZ(25.9481, 31.6030,
36.1849)**

Conversions

Conversions Part 1

Format	Color
Hex	74A19C
RGB	116, 161, 156
RGB Percent	45%, 63%, 61%
CMY	0.5451, 0.3686, 0.3882
CMYK	0.28, 0.00, 0.03, 0.37
HSL	173°, 19%, 54%
HSV	173°, 28%, 63%
XYZ	25.9481, 31.6030, 36.1849
YIQ	146.9750, -25.2150, -11.0950

Conversions

Conversions Part 2

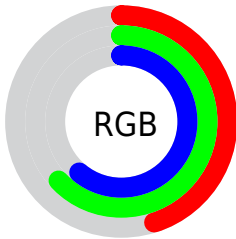
Format	Color
RYB	116, 140, 161
Decimal	7643548
CIELab	63.01, -16.22, -2.30
CIELCh	63, 16.379, 188.082
Yxy	31.6030, 0.2768, 0.3371
Android (android.graphics.Color)	4285833628 (0xFF74A19C)
YUV	146.9750, 4.4493, -27.1651
Hunter-Lab	56.2165, -15.9880, 1.1884

Details

The XYZ color **25.9481, 31.6030, 36.1849** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3956, 21.4493, 20.9448**, and the grayscale version is **27.7132, 29.1565, 31.7514**.

A 20% lighter version of the original color is **52.5509, 62.1999, 70.2088**, and **10.2652, 13.1155, 15.3551** is the 20% darker color. If you saturate the color by 10%, you get **23.8405, 30.5347, 35.3016**, and if you desaturate by 10%, it is **28.4307, 32.8660, 37.0987**.

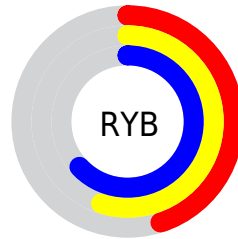
Distribution



Red (45%)

Green (63%)

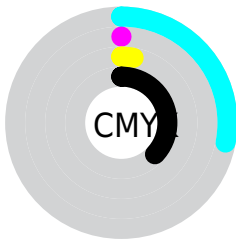
Blue (61%)



Red (45%)

Yellow (55%)

Blue (63%)

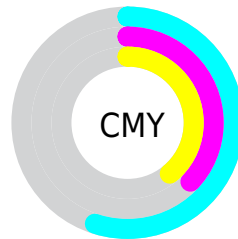


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (37%)



Cyan (55%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9481, 31.6030, 36.1849 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 25.9481, 31.6030, 36.1849 by changing the saturation by 10% instead.

■ 25.9481, 31.6030,
36.1849

■ 25.9481, 31.6030,
36.1849

274.7886,
309.3068, 344.8298

■ 16.9173, 21.0584,
24.2862

■ 52.6231, 62.1882,
70.4896

■ 10.2705, 13.1667,
15.3319

■ 70.9980, 82.9976,
93.7327

■ 5.6423, 7.5435,
8.9035

■ 93.2183, 107.9975,
121.5944

■ 2.6674, 3.8042,
4.5823

119.6494,
137.5721, 154.4931

■ 0.9804, 1.5647,
1.9499

150.6566,
172.1060, 192.8475

■ 0.0000, 0.3336,
0.5242

186.6053,

■ 0.0000, 0.0000,

211.9835, 237.0760

0.0000

227.8609,
257.5889, 287.5973

■ 25.9481, 31.6030,
36.1849

■ 25.9481, 31.6030,
36.1849

■ 23.8405, 30.5347,
35.3016

■ 28.4307, 32.8660,
37.0987

■ 22.0860, 29.6473,
34.4458

■ 31.3034, 34.3290,
38.0418

■ 20.6646, 28.9315,
33.6172

■ 34.5836, 36.0019,
39.0157

■ 19.5534, 28.3752,
32.8146

■ 38.2870, 37.8926,
40.0213

■ 18.7263, 27.9652,
32.0367

■ 42.4285, 40.0090,
41.0592

■ 18.1531, 27.6858,
31.2821

■ 47.0221, 42.3581,
42.1301

■ 17.7807, 27.5097,
30.5483

■ 52.0814, 44.9471,
43.2348

■ 17.7115, 27.4772,
30.3996

■ 57.6192, 47.7825,
44.3739

■ 61.4421, 49.7334,
45.4447

Harmonies

Analogous

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



26.1940, 31.6030, 29.9822



25.9481, 31.6030, 36.1849



26.7540, 31.6030, 42.6472

Triad

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



25.9481, 31.6030, 36.1849



32.7908, 31.6030, 45.1333



31.6846, 31.6030, 24.1325

Complementary

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



25.9481, 31.6030, 36.1849



24.3956, 21.4493, 20.9448

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.



33.5796, 31.6030, 27.3087



25.9481, 31.6030, 36.1849



34.2402, 31.6030, 39.2542

Square

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



25.9481, 31.6030, 36.1849



30.6511, 31.6030, 48.2192



34.5359, 31.6030, 32.6947



29.4325, 31.6030, 23.5269

Rectangle

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



25.9481, 31.6030, 36.1849



27.8042, 31.6030, 46.0568



34.5359, 31.6030, 32.6947



32.3877, 31.6030, 24.9139

Sweetspot

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



25.9490, 31.6043, 36.1856



55.9495, 61.4219, 68.0927



23.8185, 30.8350, 21.2201



12.0994, 13.3835, 14.8799



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.



25.9490, 31.6043, 36.1856



43.8732, 55.2802, 63.7383



23.5719, 26.1582, 37.5262



7.2420, 7.9976, 8.8864



14.1544, 21.9481, 24.3272



0.3064, 0.4648, 0.5585

Inverse Universe

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



24.3956, 21.4493, 20.9448



40.5933, 33.8210, 31.5452



26.2732, 25.6827, 20.0962



7.1043, 7.0982, 7.5357



11.8335, 6.0895, 1.0480



0.2575, 0.1315, 0.0688

Previews

White Background



This preview shows how the XYZ color 25.9481, 31.6030, 36.1849 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 25.9481, 31.6030, 36.1849 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

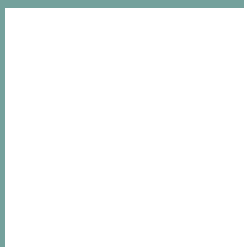
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9481, 31.6030, 36.1849

Background



This preview shows how black text looks on a background with the XYZ color 25.9481, 31.6030, 36.1849.



This preview shows how white text looks on a background with the XYZ color 25.9481, 31.6030,

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

25.9481, 31.6030, 36.1849

Protanopia

30.0892, 31.3038, 33.3105

Deuteranopia

32.0016, 31.2632, 37.1486



Tritanopia

27.3566, 31.6585, 43.1969

Trichromacy



Original Color

25.9481, 31.6030, 36.1849

Protanomaly

28.3733, 31.3724, 34.2658

Deuteranomaly

29.4324, 31.1281, 36.8048

Tritanomaly

26.9250, 31.7463, 40.7850

Monochromacy



Original Color

25.9481, 31.6030, 36.1849

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

26.8866, 29.8927, 33.2070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9481, 31.6030, 36.1849 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(116, 161, 156)` looks like.

```
.text, #text, p{  
    color:rgb(116, 161, 156)  
}
```

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(116, 161, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 161, 156) }
```

Border

The CSS property to change the border of an element to XYZ 25.9481, 31.6030, 36.1849 is called "border". The border property can be set on classes, ids or directly on the HTML element.

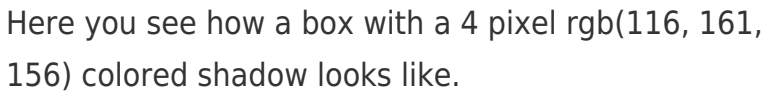
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 161, 156) }
```


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

```
.border{ border-color:rgb(116, 161, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 161, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 161, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 161, 156); box-shadow:4px 4px 4px 4px rgb(116, 161, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9481, 31.6030, 36.1849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 161, 156) }
```

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

```
.background{ background-color: rgb(116,  
161, 156) }
```

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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