

Converting Colors

XYZ(59.7193, 60.6756, 30.9805)

Have a look what the booklet for
XYZ(59.7193, 60.6756, 30.9805)
contains.

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Color

**XYZ(59.6516, 60.5726,
31.1020)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EDC786 |
| RGB | 237, 199, 134 |
| RGB Percent | 93%, 78%, 53% |
| CMY | 0.0706, 0.2196, 0.4745 |
| CMYK | 0.00, 0.16, 0.43, 0.07 |
| HSL | 38°, 74%, 73% |
| HSV | 38°, 43%, 93% |
| XYZ | 59.6516, 60.5726, 31.1020 |
| YIQ | 202.9520, 43.5130, -12.1590 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 194, 237, 134 |
| Decimal | 15583110 |
| CIE Lab | 82.15, 5.03, 37.51 |
| CIE LCh | 82, 37.841, 82.357 |
| Yxy | 60.5726, 0.3942, 0.4003 |
| Android (android.graphics.Color) | 4293773190 (0xFFEDC786) |
| YUV | 202.9520, -33.9933, 29.8601 |
| Hunter-Lab | 77.8284, 0.6117, 30.7862 |

Details

The XYZ color **59.6516, 60.5726, 31.1020** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.8697, 40.6865, 85.8727**, and the grayscale version is **56.9235, 59.8879, 65.2180**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **30.2771, 30.4590, 12.4670** is the 20% darker color. If you saturate the color by 10%, you get **56.2266, 56.0781, 22.6990**, and if you desaturate by 10%, it is **63.5656, 65.4521, 41.4968**.

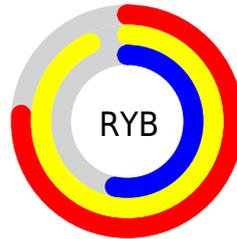
Distribution



Red (93%)

Green (78%)

Blue (53%)



Red (76%)

Yellow (93%)

Blue (53%)

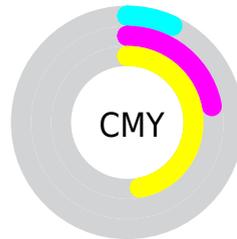


Cyan (0%)

Magenta (16%)

Yellow (43%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6516, 60.5726, 31.1020 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 59.6516, 60.5726, 31.1020 by changing the saturation by 10% instead.

59.6516, 60.5726,
31.1020

59.6516, 60.5726,
31.1020

413.1677,
426.7052, 321.3737

43.3863, 43.8803,
20.4174

103.4333,
105.6599, 62.4821

30.3841, 30.5764,
12.5117

131.6804,
134.8236, 84.0147

20.2799, 20.2765,
6.9665

164.6522,
168.9133, 110.0003

12.7081, 12.5962,
3.3630

202.7139,
208.3134, 140.8576

7.3034, 7.1511,
1.2828

246.2309,
253.4083, 177.0050

3.7006, 3.5568,
0.0477

295.5687,

1.5342, 1.4289,

304.5822, 218.8612

0.0000

351.0925,
362.2197, 266.8445

■ 0.3489, 0.2378,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6516, 60.5726,
31.1020

■ 59.6516, 60.5726,
31.1020

■ 56.2266, 56.0781,
22.6990

■ 63.5656, 65.4521,
41.4968

■ 53.2592, 51.9462,
16.1514

■ 67.9887, 70.7210,
53.9999

■ 50.7207, 48.1646,
11.3117

■ 72.9452, 76.3940,
68.7232

■ 48.5765, 44.7162,
8.0079

■ 78.4563, 82.4826,
85.7696

 46.7852, 41.5810,
6.0310

 84.5418, 88.9975,
105.2356

 45.7637, 39.6819,
5.2474

 87.6164, 94.5072,
108.2316

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



67.5326, 60.5726, 36.7556



59.6516, 60.5726, 31.1020



51.8935, 60.5726, 32.9130

Triad

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



59.6516, 60.5726, 31.1020



44.4339, 60.5726, 84.2557



70.6926, 60.5726, 96.8339

Complementary

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



59.6516, 60.5726, 31.1020



39.8697, 40.6865, 85.8727

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.



63.6513, 60.5726, 115.9186



59.6516, 60.5726, 31.1020



48.6431, 60.5726, 107.5583

Square

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



59.6516, 60.5726, 31.1020



43.5778, 60.5726, 60.2422



55.5422, 60.5726, 120.2429



74.2820, 60.5726, 72.0143

Rectangle

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



59.6516, 60.5726, 31.1020



47.7782, 60.5726, 38.3630



55.5422, 60.5726, 120.2429



68.6213, 60.5726, 104.3490

Sweetspot

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



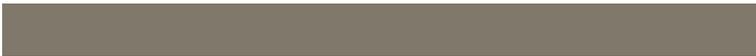
59.6531, 60.5755, 31.1032



86.3870, 90.4904, 81.9152



51.0403, 38.0912, 44.4437



18.1996, 19.0410, 16.6536



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



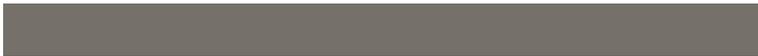
59.6531, 60.5755, 31.1032



66.8698, 66.8593, 27.9233



65.6336, 78.2946, 34.2082



15.8578, 16.6386, 15.8945



25.1149, 21.9241, 2.9081



2.0635, 1.9043, 0.2588

Inverse Universe

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



39.8697, 40.6865, 85.8727



40.7550, 40.6313, 100.3023



35.6688, 29.2779, 83.8920



14.6863, 15.4590, 19.1321



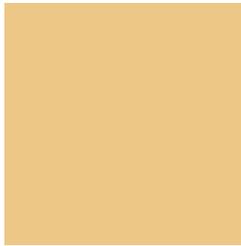
10.3401, 7.3271, 44.6123



0.9012, 0.7538, 3.5329

Previews

White Background



This preview shows how the XYZ color 59.6516, 60.5726, 31.1020 looks on a white background.

Color Contrast Check

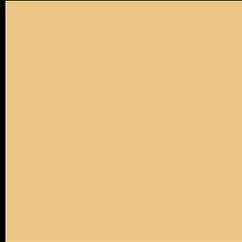
Large Text (above 18pt) WCAG AA × Fail

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 59.6516, 60.5726, 31.1020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

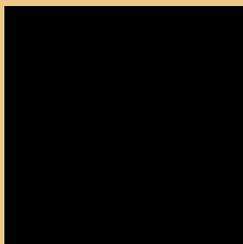
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

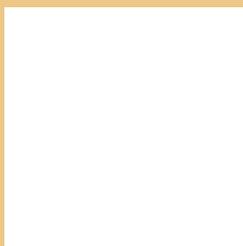
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6516, 60.5726, 31.1020

Background



This preview shows how black text looks on a background with the XYZ color 59.6516, 60.5726, 31.1020.



This preview shows how white text looks on a background with the XYZ color 59.6516, 60.5726,

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

59.6516, 60.5726, 31.1020

Protanopia

56.1610, 60.4929, 32.0088

Deuteranopia

62.1191, 60.8220, 31.3874



Tritanopia

66.7411, 60.4678, 65.9114

Trichromacy



Original Color

59.6516, 60.5726, 31.1020

Protanomaly

57.1723, 60.3212, 31.5515

Deuteranomaly

61.3016, 60.7365, 31.4140

Tritanomaly

63.4823, 60.0954, 50.9015

Monochromacy



Original Color

59.6516, 60.5726, 31.1020

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1807, 59.9025, 50.6681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6516, 60.5726, 31.1020 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(237, 199, 134)` looks like.

```
.text, #text, p{  
    color:rgb(237, 199, 134)  
}
```

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(237, 199, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 199, 134) }
```

Border

The CSS property to change the border of an element to XYZ 59.6516, 60.5726, 31.1020 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(237, 199, 134) }
```

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

```
.border{ border-color:rgb(237, 199, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 199, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 199, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 199, 134); box-shadow:4px 4px 4px 4px rgb(237, 199, 134) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6516, 60.5726, 31.1020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 199, 134) }
```

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

```
.background{ background-color: rgb(237,  
199, 134) }
```

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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