

Converting Colors

XYZ(56.2539, 53.5064, 30.8054)

Have a look what the booklet for
XYZ(56.2539, 53.5064, 30.8054)
contains.

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Color

**XYZ(56.3025, 53.6491,
30.6804)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB788
RGB	237, 183, 136
RGB Percent	93%, 72%, 53%
CMY	0.0706, 0.2823, 0.4667
CMYK	0.00, 0.23, 0.43, 0.07
HSL	28°, 74%, 73%
HSV	28°, 43%, 93%
XYZ	56.3025, 53.6491, 30.6804
YIQ	193.7880, 47.2710, -3.1690

Conversions

Conversions Part 2

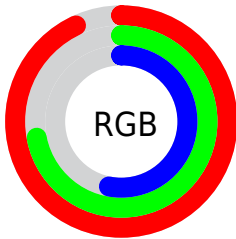
Format	Color
R _{YB}	237, 224, 136
Decimal	15579016
CIE Lab	78.26, 13.64, 31.39
CIE LCh	78, 34.229, 66.514
Yxy	53.6491, 0.4004, 0.3815
Android (android.graphics.Color)	4293769096 (0xFFEDB788)
YUV	193.7880, -28.4895, 37.8969
Hunter-Lab	73.2455, 9.0300, 26.4370

Details

The XYZ color **56.3025, 53.6491, 30.6804** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.8521, 48.1737, 87.1079**, and the grayscale version is **51.2975, 53.9690, 58.7722**.

A 20% lighter version of the original color is **81.4008, 86.7107, 61.1618**, and **28.2528, 26.2209, 12.3761** is the 20% darker color. If you saturate the color by 10%, you get **52.3043, 48.0567, 21.9366**, and if you desaturate by 10%, it is **60.9111, 59.8661, 41.4660**.

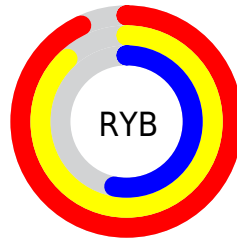
Distribution



Red (93%)

Green (72%)

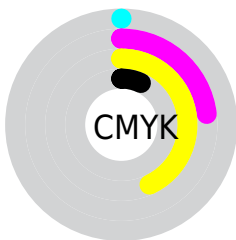
Blue (53%)



Red (93%)

Yellow (88%)

Blue (53%)

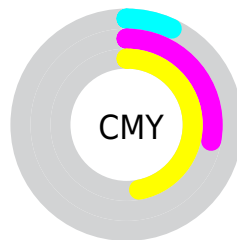


Cyan (0%)

Magenta (23%)

Yellow (43%)

Black (7%)



Cyan (7%)


Magenta (28%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3025, 53.6491, 30.6804 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 56.3025, 53.6491, 30.6804 by changing the saturation by 10% instead.


 56.3025, 53.6491,
30.6804

 56.3025, 53.6491,
30.6804


400.8871,
400.7705, 319.3687


 40.6835, 38.3212,
20.0992


 98.5840, 95.5588,
61.8102

 28.2584, 26.2321,
12.2824


 125.9771,
122.9094, 83.1959

 18.6620, 16.9973,
6.8114


 158.0257,
155.0364, 109.0201

 11.5289, 10.2326,
3.2678

195.0950,
192.3242, 139.7015

 6.4936, 5.5534,
1.2329

237.5504,
235.1570, 175.6584

 3.1910, 2.5755,
0.0059

285.7574,

 1.2555, 0.9144,

283.9195, 217.3096

0.0000

340.0811,
338.9958, 265.0735

■ 0.1496, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3025, 53.6491,
30.6804

■ 56.3025, 53.6491,
30.6804

■ 52.3043, 48.0567,
21.9366

■ 60.9111, 59.8661,
41.4660

■ 48.8815, 43.0591,
15.0986

■ 66.1545, 66.7209,
54.4110

■ 46.0011, 38.6346,
10.0188

■ 72.0607, 74.2360,
69.6277

■ 43.6243, 34.7571,
6.5259

■ 78.6544, 82.4300,
87.2196

■ 41.7053, 31.3969,
4.4132

■ 85.9591, 91.3210,
107.2839

■ 40.5333, 29.2211,
3.5039

■ 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.



62.0674, 53.6491, 39.0898



56.3025, 53.6491, 30.6804



49.5437, 53.6491, 28.8813

Triad

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



56.3025, 53.6491, 30.6804



39.2289, 53.6491, 62.7029



59.0514, 53.6491, 93.3854

Complementary

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



56.3025, 53.6491, 30.6804



43.8521, 48.1737, 87.1079

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.



52.4680, 53.6491, 103.2965



56.3025, 53.6491, 30.6804



41.3191, 53.6491, 83.2446

Square

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



56.3025, 53.6491, 30.6804



40.0613, 53.6491, 44.9051



46.0261, 53.6491, 99.2281



63.7492, 53.6491, 74.3939

Rectangle

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



56.3025, 53.6491, 30.6804



45.4521, 53.6491, 31.2201



46.0261, 53.6491, 99.2281



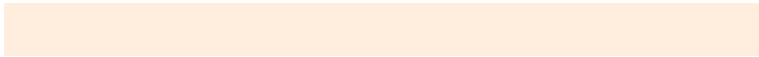
56.9644, 53.6491, 98.0593

Sweetspot

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



56.3038, 53.6517, 30.6815



84.7695, 87.2554, 81.3760



53.1941, 39.3992, 54.4097



17.8003, 18.2424, 16.5205



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.



56.3038, 53.6517, 30.6815



62.3870, 57.6365, 27.2221



68.2116, 77.4672, 34.6507



15.6433, 16.2096, 15.8230



22.2584, 16.2110, 1.9559



1.8432, 1.4638, 0.1854

Inverse Universe

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



43.8521, 48.1737, 87.1079



45.8978, 50.3715, 101.9113



34.9722, 30.4138, 84.1479



14.8981, 15.8826, 19.2027



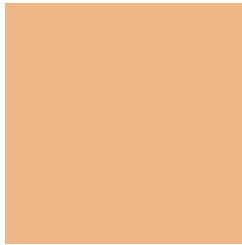
12.6009, 11.8488, 45.3659



1.0856, 1.1227, 3.5944

Previews

White Background



This preview shows how the XYZ color 56.3025, 53.6491, 30.6804 looks on a white background.

Color Contrast Check

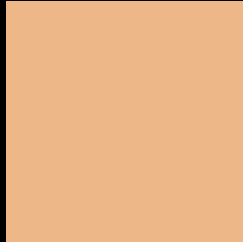
Large Text (above 18pt) WCAG AA × Fail

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 56.3025, 53.6491, 30.6804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

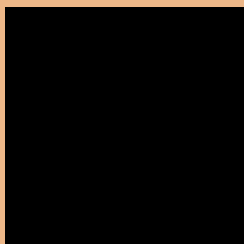
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3025, 53.6491, 30.6804

Background



This preview shows how black text looks on a background with the XYZ color 56.3025, 53.6491, 30.6804.



This preview shows how white text looks on a background with the XYZ color 56.3025, 53.6491,

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

56.3025, 53.6491, 30.6804

Protanopia

50.1119, 53.9166, 32.9651

Deuteranopia

54.8871, 53.8560, 30.4241



Tritanopia

61.3286, 53.6020, 55.2580

Trichromacy



Original Color

56.3025, 53.6491, 30.6804

Protanomaly

52.2871, 53.7511, 32.0453

Deuteranomaly

55.3264, 53.7708, 30.3845

Tritanomaly

59.3110, 53.6677, 45.2631

Monochromacy



Original Color

56.3025, 53.6491, 30.6804

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.5346, 53.5457, 47.1016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3025, 53.6491, 30.6804 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, 183, 136)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 136)  
}
```

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, 183, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 136) }
```

Border

The CSS property to change the border of an element to XYZ 56.3025, 53.6491, 30.6804 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, 183, 136) }
```


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

```
.border{ border-color:rgb(237, 183, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 183, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 136);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3025, 53.6491, 30.6804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 136) }
```

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

```
.background{ background-color: rgb(237,  
183, 136) }
```

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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