

Converting Colors

XYZ(56.5521, 55.6683, 30.9948)

Have a look what the booklet for
XYZ(56.5521, 55.6683, 30.9948)
contains.

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Color

**XYZ(56.5732, 55.6652,
31.0553)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EABD88 |
| RGB | 234, 189, 136 |
| RGB Percent | 92%, 74%, 53% |
| CMY | 0.0824, 0.2588, 0.4667 |
| CMYK | 0.00, 0.19, 0.42, 0.08 |
| HSL | 32°, 70%, 73% |
| HSV | 32°, 42%, 92% |
| XYZ | 56.5732, 55.6652, 31.0553 |
| YIQ | 196.4130, 43.8330, -6.9430 |

Conversions

Conversions Part 2

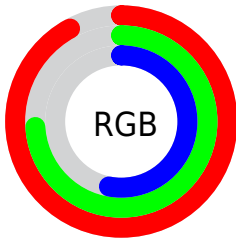
| Format | Color |
|-------------------------------------|---|
| RYB | 219, 234, 136 |
| Decimal | 15383944 |
| CIELab | 79.42, 9.29, 32.87 |
| CIElCh | 79, 34.158, 74.225 |
| Yxy | 55.6652, 0.3948, 0.3885 |
| Android (android.graphics.Color) | 4293574024 (0xFFEABD88) |
| YUV | 196.4130, -29.7836, 32.9638 |
| Hunter-Lab | 74.6091, 4.7837, 27.5475 |

Details

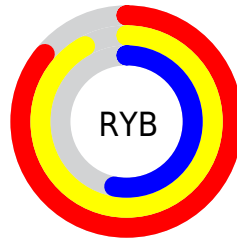
The XYZ color **56.5732, 55.6652, 31.0553** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5279, 44.2208, 84.1885**, and the grayscale version is **52.8735, 55.6271, 60.5779**.

A 20% lighter version of the original color is **83.1867, 90.2825, 61.7571**, and **28.3483, 27.4943, 12.4071** is the 20% darker color. If you saturate the color by 10%, you get **52.8626, 50.6210, 22.4902**, and if you desaturate by 10%, it is **60.8209, 61.2023, 41.5916**.

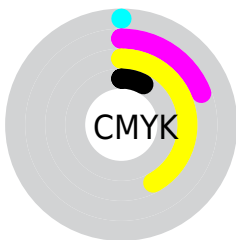
Distribution



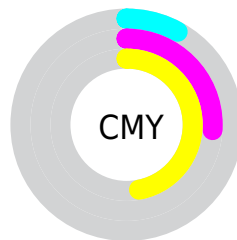
- Red (92%)
- Green (74%)
- Blue (53%)



- Red (86%)
- Yellow (92%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (8%)



- Cyan (8%)
- Magenta (26%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.5732, 55.6652, 31.0553 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 56.5732, 55.6652, 31.0553 by changing the saturation by 10% instead.

56.5732, 55.6652,
31.0553

56.5732, 55.6652,
31.0553

401.8882,
408.4285, 321.1521

40.9015, 39.9346,
20.3821

98.9771, 98.5149,
62.4077

28.4294, 27.4875,
12.4863

126.4400,
126.4027, 83.9241

18.7917, 17.9397,
6.9492

158.5640,
159.1118, 109.8919

11.6230, 10.9067,
3.3524

195.7145,
197.0264, 140.7297

6.5579, 6.0041,
1.2773

238.2568,
240.5310, 176.8561

3.2310, 2.8476,
0.0431

286.5563,

1.2771, 1.0527,

290.0099, 218.6896

0.0000

340.9783,
345.8477, 266.6488

■ 0.1660, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5732, 55.6652,
31.0553

■ 56.5732, 55.6652,
31.0553

■ 52.8626, 50.6210,
22.4902

■ 60.8209, 61.2023,
41.5916

■ 49.6572, 46.0450,
15.7661


■ 65.6268, 67.2402,
54.2114


■ 46.9281, 41.9214,
10.7419


■ 71.0158, 73.7965,
69.0224

■ 44.6405, 38.2300,
7.2547


■ 77.0098, 80.8855,
86.1237

 42.7534, 34.9479,
5.1084

 83.6296, 88.5205,
105.6084

 41.4648, 32.5587,
4.0990

 87.2547, 95.2587,
108.3957

 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



62.9276, 55.6652, 37.9078



56.5732, 55.6652, 31.0553



49.7345, 55.6652, 30.8864

Triad

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



56.5732, 55.6652, 31.0553



41.1315, 55.6652, 70.3682



62.6450, 55.6652, 91.8877

Complementary

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



56.5732, 55.6652, 31.0553



41.5279, 44.2208, 84.1885

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.



56.2139, 55.6652, 105.0631



56.5732, 55.6652, 31.0553



44.0130, 55.6652, 90.9382

Square

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



56.5732, 55.6652, 31.0553



41.2095, 55.6652, 50.9152



49.4048, 55.6652, 104.6822



66.6343, 55.6652, 71.4632

Rectangle

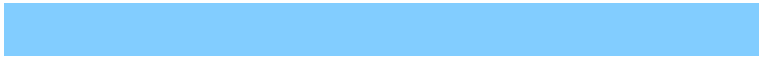
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.5732, 55.6652, 31.0553



45.8349, 55.6652, 34.4474



49.4048, 55.6652, 104.6822



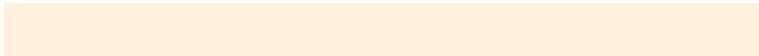
60.6739, 55.6652, 97.4896

Sweetspot

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



56.5746, 55.6678, 31.0564



85.5000, 88.7165, 81.6195



51.1521, 38.4677, 48.8411



17.9804, 18.6026, 16.5805



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.



56.5746, 55.6678, 31.0564



64.9475, 62.4936, 28.8893



66.7358, 77.5677, 34.7480



15.7404, 16.4039, 15.8554



23.4284, 18.5511, 2.3459



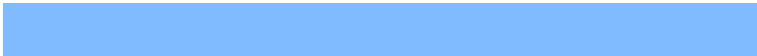
1.9358, 1.6488, 0.2162

Inverse Universe

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



41.5279, 44.2208, 84.1885



44.4442, 46.9047, 101.3188



34.3480, 29.0615, 81.6408



14.8010, 15.6885, 19.1703



11.4485, 9.5440, 44.9817



0.9942, 0.9398, 3.5639

Previews

White Background



This preview shows how the XYZ color 56.5732, 55.6652, 31.0553 looks on a white background.

Color Contrast Check

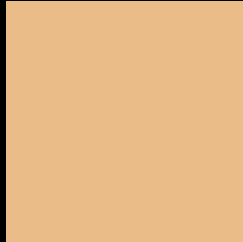
Large Text (above 18pt) WCAG AA × Fail

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 56.5732, 55.6652, 31.0553 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 56.5732, 55.6652, 31.0553

Background



This preview shows how black text looks on a background with the XYZ color 56.5732, 55.6652, 31.0553.



This preview shows how white text looks on a background with the XYZ color 56.5732, 55.6652,

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

56.5732, 55.6652, 31.0553

Protanopia

51.7778, 55.7936, 32.4664

Deuteranopia

56.9025, 55.8349, 31.0707



Tritanopia

62.3094, 55.5131, 59.0608

Trichromacy



Original Color

56.5732, 55.6652, 31.0553

Protanomaly

53.3944, 55.6342, 31.9690

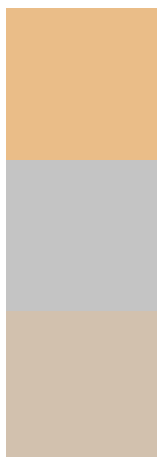
Deuteranomaly

56.9025, 55.8349, 31.0707

Tritanomaly

60.0404, 55.5141, 47.5952

Monochromacy



Original Color

56.5732, 55.6652, 31.0553

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.2883, 54.8976, 47.8321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5732, 55.6652, 31.0553 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(234, 189, 136)` looks like.

```
.text, #text, p{  
    color:rgb(234, 189, 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(234, 189, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 189, 136) }
```

Border

The CSS property to change the border of an element to XYZ 56.5732, 55.6652, 31.0553 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(234, 189, 136) }
```


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

```
.border{ border-color:rgb(234, 189, 136) }
```

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

Here you see how a box with a 4 pixel rgb(234, 189, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 189, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 189, 136);  
box-shadow:4px 4px 4px 4px rgb(234, 189,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5732, 55.6652, 31.0553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 189, 136) }
```

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

```
.background{ background-color: rgb(234,  
189, 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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