

Converting Colors

XYZ(56.1320, 55.1233, 32.9956)

Have a look what the booklet for
XYZ(56.1320, 55.1233, 32.9956)
contains.

XYZ(56.0696, 55.0453, 32.8689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.0696, 55.0453,
32.8689)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BC8D
RGB	232, 188, 141
RGB Percent	91%, 74%, 55%
CMY	0.0902, 0.2627, 0.4471
CMYK	0.00, 0.19, 0.39, 0.09
HSL	31°, 66%, 73%
HSV	31°, 39%, 91%
XYZ	56.0696, 55.0453, 32.8689
YIQ	195.7980, 41.3110, -5.2890

Conversions

Conversions Part 2

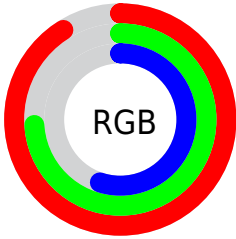
Format	Color
R _Y B	226, 232, 141
Decimal	15252621
CIE Lab	79.07, 9.57, 29.74
CIE LCh	79, 31.245, 72.170
Yxy	55.0453, 0.3894, 0.3823
Android (android.graphics.Color)	4293442701 (0xFFE8BC8D)
YUV	195.7980, -27.0154, 31.7492
Hunter-Lab	74.1925, 5.0611, 25.6680

Details

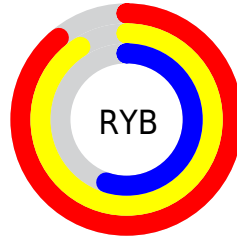
The XYZ color **56.0696, 55.0453, 32.8689** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.8983, 46.1851, 82.9974**, and the grayscale version is **52.4889, 55.2224, 60.1372**.

A 20% lighter version of the original color is **83.4410, 89.9015, 64.5847**, and **28.1886, 27.1801, 13.4334** is the 20% darker color. If you saturate the color by 10%, you get **52.2175, 49.8203, 23.9420**, and if you desaturate by 10%, it is **60.4723, 60.7926, 43.7644**.

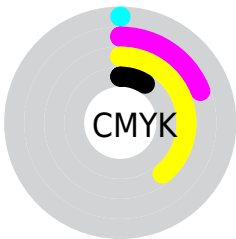
Distribution



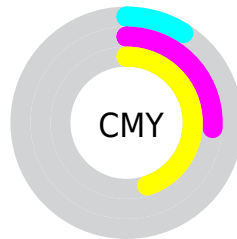
- Red (91%)
- Green (74%)
- Blue (55%)



- Red (89%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0696, 55.0453, 32.8689 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 56.0696, 55.0453, 32.8689 by changing the saturation by 10% instead.


 56.0696, 55.0453,
32.8689


 56.0696, 55.0453,
32.8689


400.0245,
406.0836, 329.6725


 40.4959, 39.4380,
21.7557


 98.2456, 97.6073,
65.2844

 28.1114, 27.1006,
13.4809

 125.5786,
125.3308, 87.4239

 18.5505, 17.6488,
7.6259

 157.5621,
157.8619, 114.0759

 11.4480, 10.6981,
3.7722

194.5614,
195.5848, 145.6589

 6.4385, 5.8642,
1.5012

236.9420,
238.8841, 182.5916

 3.1567, 2.7627,
0.2188

285.0691,

 1.2372, 1.0091,

288.1440, 225.2923

0.0000

339.3082,
343.7491, 274.1798

■ 0.1354, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0696, 55.0453,
32.8689

■ 56.0696, 55.0453,
32.8689

■ 52.2175, 49.8203,
23.9420

■ 60.4723, 60.7926,
43.7644

■ 48.8850, 45.0924,
16.8590

■ 65.4464, 67.0708,
56.7360

■ 46.0436, 40.8452,
11.4862

■ 71.0163, 73.8983,
71.8873

■ 43.6600, 37.0581,
7.6700

■ 77.2038, 81.2897,
89.3140

■ 41.6952, 33.7081,
5.2285

■ 83.7056, 89.1296,
107.3997

■ 40.0905, 30.7637,
3.8767

■ 87.0886, 95.8958,
108.5274

■ 39.9756, 30.5496,
3.7897

Harmonies

Analogous

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



61.6997, 55.0453, 39.7438



56.0696, 55.0453, 32.8689



49.8362, 55.0453, 32.2855

Triad

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



56.0696, 55.0453, 32.8689



41.4703, 55.0453, 67.4550



60.7717, 55.0453, 89.0963

Complementary

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



56.0696, 55.0453, 32.8689



42.8983, 46.1851, 82.9974

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.



54.8827, 55.0453, 100.0711



56.0696, 55.0453, 32.8689



43.9406, 55.0453, 86.0155

Square

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



56.0696, 55.0453, 32.8689



41.7328, 55.0453, 50.0408



48.7393, 55.0453, 98.8434



64.5591, 55.0453, 71.0542

Rectangle

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



56.0696, 55.0453, 32.8689



46.2019, 55.0453, 35.3516



48.7393, 55.0453, 98.8434



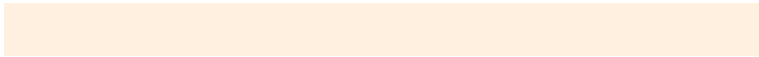
58.9533, 55.0453, 93.8813

Sweetspot

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



56.0710, 55.0479, 32.8700



85.9697, 89.1052, 83.4737



51.7200, 39.7725, 51.6849



18.2039, 18.8315, 17.3275



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.



56.0710, 55.0479, 32.8700



65.6030, 62.9721, 31.6743



66.9431, 76.7920, 36.4940



14.9897, 15.5932, 15.1242



22.3198, 17.2137, 2.1462



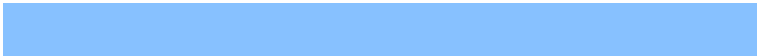
1.7423, 1.4579, 0.1896

Inverse Universe

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



42.8983, 46.1851, 82.9974



47.1563, 50.5642, 101.8822



35.0754, 30.5393, 80.3898



14.1550, 15.0314, 18.2996



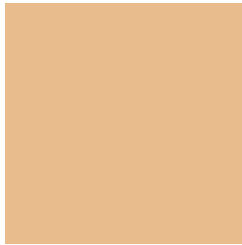
11.4378, 9.9377, 43.6985



0.9379, 0.9197, 3.2601

Previews

White Background



This preview shows how the XYZ color 56.0696, 55.0453, 32.8689 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 56.0696, 55.0453, 32.8689 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 56.0696, 55.0453, 32.8689

Background



This preview shows how black text looks on a background with the XYZ color 56.0696, 55.0453, 32.8689.



This preview shows how white text looks on a background with the XYZ color 56.0696, 55.0453,

32.8689.

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

56.0696, 55.0453, 32.8689

Protanopia

51.3523, 55.1951, 34.3327

Deuteranopia

56.3952, 55.2132, 32.8842



Tritanopia

61.2993, 54.9924, 59.0135

Trichromacy



Original Color

56.0696, 55.0453, 32.8689

Protanomaly

52.9413, 55.0285, 33.8179

Deuteranomaly

56.3952, 55.2132, 32.8842

Tritanomaly

59.1393, 55.0383, 48.0639

Monochromacy



Original Color

56.0696, 55.0453, 32.8689

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.2009, 54.8298, 48.8535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0696, 55.0453, 32.8689 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(232, 188, 141)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 141)  
}
```

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(232, 188, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 141) }
```

Border

The CSS property to change the border of an element to XYZ 56.0696, 55.0453, 32.8689 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(232, 188, 141) }
```


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

```
.border{ border-color:rgb(232, 188, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 188, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 141);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0696, 55.0453, 32.8689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 141) }
```

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

```
.background{ background-color: rgb(232,  
188, 141) }
```

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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