

Converting Colors

XYZ(56.6267, 58.5373, 36.9248)

Have a look what the booklet for
XYZ(56.6267, 58.5373, 36.9248)
contains.

XYZ(56.6702, 58.5656, 36.7512)	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(56.6702, 58.5656,
36.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C695
RGB	225, 198, 149
RGB Percent	88%, 78%, 58%
CMY	0.1176, 0.2235, 0.4157
CMYK	0.00, 0.12, 0.34, 0.12
HSL	39°, 56%, 73%
HSV	39°, 34%, 88%
XYZ	56.6702, 58.5656, 36.7512
YIQ	200.4870, 31.8210, -9.5150

Conversions

Conversions Part 2

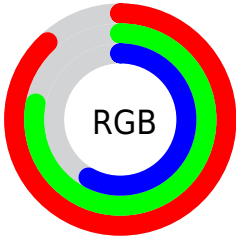
Format	Color
R _Y B	191, 225, 149
Decimal	14796437
CIE Lab	81.05, 2.50, 28.08
CIE LCh	81, 28.191, 84.905
Yxy	58.5656, 0.3729, 0.3853
Android (android.graphics.Color)	4292986517 (0xFFE1C695)
YUV	200.4870, -25.3831, 21.4979
Hunter-Lab	76.5282, -1.7425, 25.0968

Details

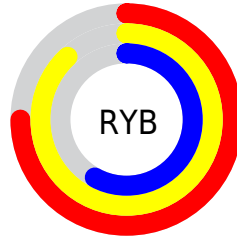
The XYZ color **56.6702, 58.5656, 36.7512** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.5099, 42.8751, 77.3221**, and the grayscale version is **55.3393, 58.2213, 63.4030**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **28.5400, 29.2634, 15.6994** is the 20% darker color. If you saturate the color by 10%, you get **53.2661, 54.3598, 27.5939**, and if you desaturate by 10%, it is **60.5207, 63.1085, 47.7707**.

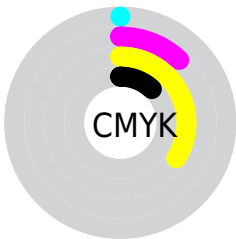
Distribution



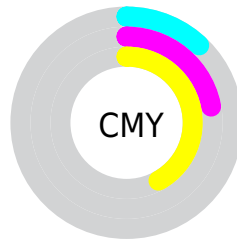
- Red (88%)
- Green (78%)
- Blue (58%)



- Red (75%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (12%)
- Yellow (34%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.6702, 58.5656, 36.7512 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 56.6702, 58.5656, 36.7512 by changing the saturation by 10% instead.


 56.6702, 58.5656,
36.7512


 56.6702, 58.5656,
36.7512


402.2465,
419.2902, 347.3683

 40.9796, 42.2635,
24.7206


 99.1179, 102.7460,
71.3720

 28.4908, 29.3077,
15.6519


 126.6058,
131.3932, 94.7993

 18.8383, 19.3137,
9.1265


158.7568,
164.9242, 122.8627

 11.6568, 11.8972,
4.7258

195.9364,
203.7234, 155.9805

 6.5810, 6.6737,
2.0314

238.5097,
248.1752, 194.5715

 3.2454, 3.2589,
0.5745

286.8423,

 1.2848, 1.2683,

298.6640, 239.0541

0.0000

341.2995,
355.5742, 289.8468

■ 0.1718, 0.1165,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6702, 58.5656,
36.7512

■ 56.6702, 58.5656,
36.7512

■ 53.2661, 54.3598,
27.5939

■ 60.5207, 63.1085,
47.7707

■ 50.2825, 50.4719,
20.1890


■ 64.8331, 67.9905,
60.7464

■ 47.6973, 46.8928,
14.4209


■ 69.6274, 73.2241,
75.7703


■ 45.4839, 43.6096,
10.1581


■ 74.9210, 78.8185,
92.9275

 43.6122, 40.6074,
7.2489


 79.6658, 84.3565,
106.6913

 42.0456, 37.8692,
5.5090

 82.0441, 89.1131,
107.4841

 41.1891, 36.2830,
4.8324

 84.5271, 94.0790,
108.3118

 84.8614, 94.7476,
108.4232

Harmonies

Analogous

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



62.3889, 58.5656, 40.8655



56.6702, 58.5656, 36.7512



51.0589, 58.5656, 38.7748

Triad

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



56.6702, 58.5656, 36.7512



46.0688, 58.5656, 78.3263



65.3897, 58.5656, 84.1507

Complementary

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



56.6702, 58.5656, 36.7512



41.5099, 42.8751, 77.3221

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.



60.5398, 58.5656, 97.6952



56.6702, 58.5656, 36.7512



49.4422, 58.5656, 93.9407

Square

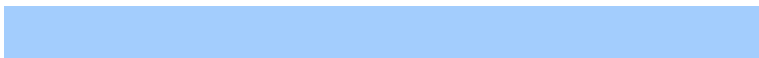
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.6702, 58.5656, 36.7512



45.1911, 58.5656, 60.9485



54.6715, 58.5656, 101.5590



67.6434, 58.5656, 66.6731

Rectangle

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



56.6702, 58.5656, 36.7512



48.0924, 58.5656, 43.5560



54.6715, 58.5656, 101.5590



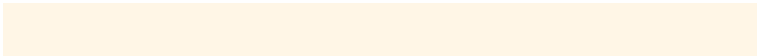
63.9932, 58.5656, 89.4279

Sweetspot

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



56.6717, 58.5683, 36.7524



88.3911, 92.8217, 87.7530



49.7217, 40.6721, 46.7558



18.7304, 19.6600, 18.1952



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.



56.6717, 58.5683, 36.7524



71.8175, 73.5489, 39.4557



60.3355, 70.4474, 38.8522



14.4408, 15.1675, 14.4733



23.8490, 21.1359, 2.8227



1.7366, 1.6320, 0.2235

Inverse Universe

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



41.5099, 42.8751, 77.3221



48.6055, 49.5366, 101.6075



38.6632, 34.3164, 75.8202



13.3484, 14.0359, 17.3934



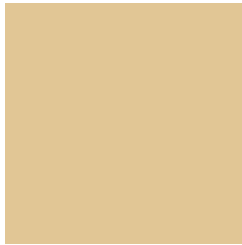
9.5813, 6.6322, 41.8235



0.7465, 0.6246, 2.9264

Previews

White Background



This preview shows how the XYZ color 56.6702, 58.5656, 36.7512 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 56.6702, 58.5656, 36.7512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

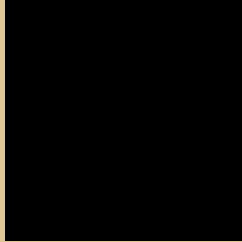
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6702, 58.5656, 36.7512

Background



This preview shows how black text looks on a background with the XYZ color 56.6702, 58.5656, 36.7512.



This preview shows how white text looks on a background with the XYZ color 56.6702, 58.5656,

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

56.6702, 58.5656, 36.7512

Protanopia

54.7106, 58.5742, 37.2766

Deuteranopia

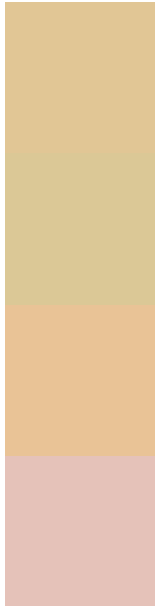
59.8349, 58.5191, 36.9958



Tritanopia

62.6052, 58.6583, 65.7801

Trichromacy



Original Color

56.6702, 58.5656, 36.7512

Protanomaly

55.3727, 58.5706, 37.2410

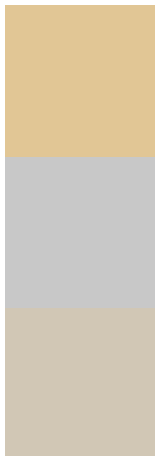
Deuteranomaly

58.6244, 58.5559, 37.0667

Tritanomaly

60.3618, 58.7444, 54.0563

Monochromacy



Original Color

56.6702, 58.5656, 36.7512

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.0584, 57.7384, 51.9588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6702, 58.5656, 36.7512 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(225, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(225, 198, 149)  
}
```

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(225, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 198, 149) }
```

Border

The CSS property to change the border of an element to XYZ 56.6702, 58.5656, 36.7512 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(225, 198, 149) }
```


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

```
.border{ border-color:rgb(225, 198, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 198, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 198, 149);  
box-shadow:4px 4px 4px 4px rgb(225, 198,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6702, 58.5656, 36.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 198, 149) }
```

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

```
.background{ background-color: rgb(225,  
198, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor