

Converting Colors

XYZ(56.2298, 53.8140, 37.6268)

Have a look what the booklet for
XYZ(56.2298, 53.8140, 37.6268)
contains.

XYZ(56.1690, 53.7367, 37.5488)	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(56.1690, 53.7367,
37.5488)**

Conversions

Conversions Part 1

Format	Color
Hex	E8B899
RGB	232, 184, 153
RGB Percent	91%, 72%, 60%
CMY	0.0902, 0.2784, 0.4000
CMYK	0.00, 0.21, 0.34, 0.09
HSL	24°, 63%, 75%
HSV	24°, 34%, 91%
XYZ	56.1690, 53.7367, 37.5488
YIQ	194.8180, 38.5590, 0.5350

Conversions

Conversions Part 2

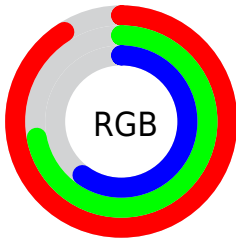
Format	Color
RYP	232, 204, 153
Decimal	15251609
CIELab	78.31, 13.09, 22.35
CIELCh	78, 25.898, 59.645
Yxy	53.7367, 0.3809, 0.3644
Android (android.graphics.Color)	4293441689 (0xFFE8B899)
YUV	194.8180, -20.6163, 32.6086
Hunter-Lab	73.3053, 8.4884, 20.9439

Details

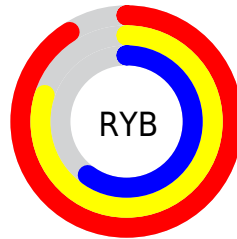
The XYZ color **56.1690, 53.7367, 37.5488** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.5884, 54.3700, 84.2777**, and the grayscale version is **51.8674, 54.5685, 59.4251**.

A 20% lighter version of the original color is **83.6626, 88.0852, 71.6241**, and **28.1938, 26.3059, 16.1619** is the 20% darker color. If you saturate the color by 10%, you get **51.6528, 47.4783, 27.4912**, and if you desaturate by 10%, it is **61.3523, 60.7326, 49.6679**.

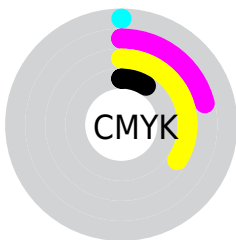
Distribution



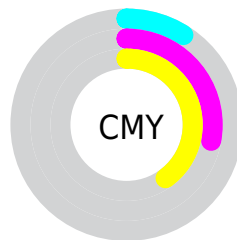
- Red (91%)
- Green (72%)
- Blue (60%)



- Red (91%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)
- Black (9%)





- Cyan (9%)
- Magenta (28%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1690, 53.7367, 37.5488 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 56.1690, 53.7367, 37.5488 by changing the saturation by 10% instead.


 56.1690, 53.7367,
37.5488


 56.1690, 53.7367,
37.5488


400.3928,
401.1052, 350.9204

 40.5760, 38.3912,
25.3336


 98.3900, 95.6875,
72.6118

 28.1741, 26.2864,
16.1045


 125.7487,
123.0617, 96.2966

 18.5981, 17.0381,
9.4430


157.7600,
155.2141, 124.6417

 11.4825, 10.2616,
4.9305

194.7892,
192.5293, 158.0656

 6.4620, 5.5728,
2.1485

237.2018,
235.3916, 196.9869

 3.1713, 2.5871,
0.6444

285.3630,

 1.2450, 0.9202,

284.1854, 241.8242

0.0000

339.6382,
339.2951, 292.9958

■ 0.1415, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1690, 53.7367,
37.5488

■ 56.1690, 53.7367,
37.5488

■ 51.6528, 47.4783,
27.4912

■ 61.3523, 60.7326,
49.6679

■ 47.7694, 41.9243,
19.3747

■ 67.2267, 68.4828,
63.9529

■ 44.4873, 37.0498,
13.0717

■ 73.8198, 77.0128,
80.5050

■ 41.7703, 32.8254,
8.4373

■ 81.1565, 86.3446,
99.4180

■ 39.5774, 29.2187,
5.3042

■ 86.9231, 95.5644,
108.4722

■ 37.8601, 26.1937,
3.4689

■ 87.0888, 95.8958,
108.5274

■ 37.0243, 24.6469,
2.8059

Harmonies

Analogous

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



60.0379, 53.7367, 45.7423



56.1690, 53.7367, 37.5488



51.1356, 53.7367, 34.7692

Triad

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



56.1690, 53.7367, 37.5488



41.9219, 53.7367, 58.3371



56.0575, 53.7367, 86.3274

Complementary

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



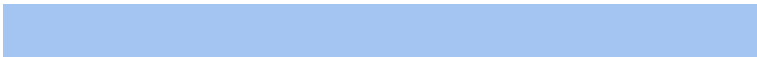
56.1690, 53.7367, 37.5488



48.5884, 54.3700, 84.2777

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.



51.0147, 53.7367, 91.1569



56.1690, 53.7367, 37.5488



43.0519, 53.7367, 73.4569

Square

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



56.1690, 53.7367, 37.5488



43.1059, 53.7367, 45.4882



46.2989, 53.7367, 86.1031



59.9706, 53.7367, 73.8066

Rectangle

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



56.1690, 53.7367, 37.5488



47.8630, 53.7367, 35.9318



46.2989, 53.7367, 86.1031



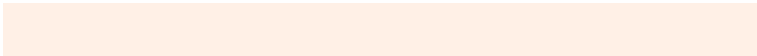
54.4279, 53.7367, 88.9880

Sweetspot

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



56.1704, 53.7392, 37.5499



86.4682, 88.9759, 87.1120



55.2975, 44.1897, 61.3168



18.2654, 18.7300, 18.0402



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.



56.1704, 53.7392, 37.5499



65.5175, 60.9489, 37.3557



65.3586, 72.1156, 40.6126



14.8386, 15.2912, 15.0739



20.6687, 13.9115, 1.5958



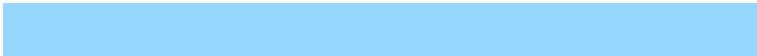
1.6157, 1.2047, 0.1474

Inverse Universe

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



48.5884, 54.3700, 84.2777



54.7490, 61.8236, 103.6553



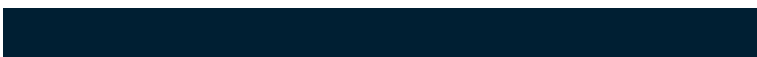
40.6615, 38.5162, 81.6354



14.3078, 15.3370, 18.3506



13.4958, 14.0537, 44.3845



1.0871, 1.2182, 3.3098

Previews

White Background



This preview shows how the XYZ color 56.1690, 53.7367, 37.5488 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 56.1690, 53.7367, 37.5488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

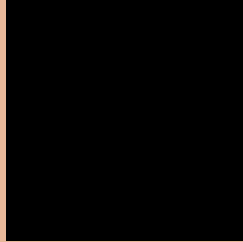
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.1690, 53.7367, 37.5488

Background



This preview shows how black text looks on a background with the XYZ color 56.1690, 53.7367, 37.5488.



This preview shows how white text looks on a background with the XYZ color 56.1690, 53.7367,

37.5488.

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

56.1690, 53.7367, 37.5488

Protanopia

50.9169, 54.1740, 40.1208

Deuteranopia

54.9872, 53.7486, 37.6134



Tritanopia

60.2266, 53.8788, 57.0945

Trichromacy



Original Color

56.1690, 53.7367, 37.5488

Protanomaly

52.4385, 53.6743, 39.0489

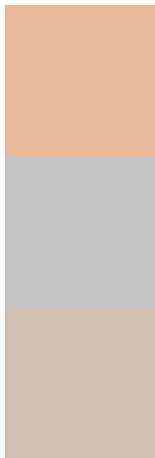
Deuteranomaly

55.4118, 53.6558, 37.5731

Tritanomaly

58.8207, 53.9243, 49.4277

Monochromacy



Original Color

56.1690, 53.7367, 37.5488

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.8814, 53.9668, 50.8095

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1690, 53.7367, 37.5488 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, 184, 153) looks like.

```
.text, #text, p{  
    color:rgb(232, 184, 153)  
}
```

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, 184, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 184, 153) }
```

Border

The CSS property to change the border of an element to XYZ 56.1690, 53.7367, 37.5488 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, 184, 153) }
```


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

```
.border{ border-color:rgb(232, 184, 153) }
```

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

Here you see how a box with a 4 pixel rgb(232, 184, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 184, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 184, 153);  
box-shadow:4px 4px 4px 4px rgb(232, 184,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1690, 53.7367, 37.5488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 184, 153) }
```

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

```
.background{ background-color: rgb(232,  
184, 153) }
```

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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