

Converting Colors

XYZ(55.7580, 52.3369, 36.0174)

Have a look what the booklet for
XYZ(55.7580, 52.3369, 36.0174)
contains.

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Color

**XYZ(55.7580, 52.3369,
36.0174)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB496
RGB	234, 180, 150
RGB Percent	92%, 71%, 59%
CMY	0.0824, 0.2941, 0.4118
CMYK	0.00, 0.23, 0.36, 0.08
HSL	21°, 67%, 75%
HSV	21°, 36%, 92%
XYZ	55.7580, 52.3369, 36.0174
YIQ	192.7260, 41.8140, 2.1180

Conversions

Conversions Part 2

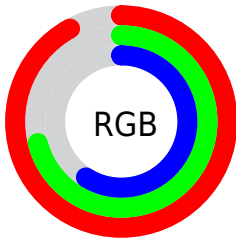
Format	Color
R_{YB}	234, 197, 150
Decimal	15381654
CIE _{Lab}	77.48, 15.62, 22.86
CIE _{LCh}	77, 27.686, 55.647
Yxy	52.3369, 0.3869, 0.3632
Android (android.graphics.Color)	4293571734 (0xFFEAB496)
YUV	192.7260, -21.0639, 36.1973
Hunter-Lab	72.3442, 10.9732, 21.1228

Details

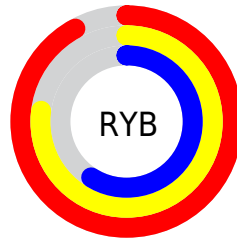
The XYZ color **55.7580, 52.3369, 36.0174** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0212, 55.6085, 85.9920**, and the grayscale version is **50.6313, 53.2681, 58.0090**.

A 20% lighter version of the original color is **82.1345, 85.6105, 69.3223**, and **27.9730, 25.4267, 15.2379** is the 20% darker color. If you saturate the color by 10%, you get **51.1853, 45.9118, 26.1068**, and if you desaturate by 10%, it is **61.0392, 59.5766, 48.0215**.

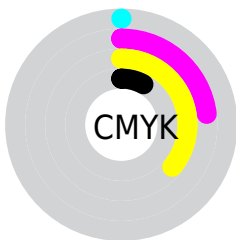
Distribution



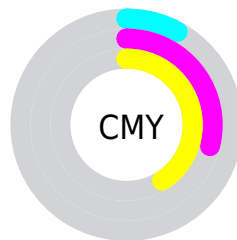
- Red (92%)
- Green (71%)
- Blue (59%)



- Red (92%)
- Yellow (77%)
- Blue (59%)



- Cyan (0%)
- Magenta (23%)
- Yellow (36%)
- Black (8%)





- Cyan (8%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.7580, 52.3369, 36.0174 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 55.7580, 52.3369, 36.0174 by changing the saturation by 10% instead.


 55.7580, 52.3369,
36.0174

 55.7580, 52.3369,
36.0174


398.8687,
395.7359, 344.0763

 40.2452, 37.2737,
24.1578


 97.7925, 93.6279,
70.2283

 27.9148, 25.4195,
15.2375


 125.0449,
120.6245, 93.4167

 18.4016, 16.3898,
8.8377


156.9412,
152.3676, 121.2184

 11.3401, 9.8004,
4.5401

193.8468,
189.2418, 154.0520

 6.3651, 5.2668,
1.9261

236.1270,
231.6312, 192.3361

 3.1111, 2.4047,
0.5093

284.1471,

 1.2128, 0.8283,

279.9205, 236.4891

0.0000

338.2726,
334.4939, 286.9297

■ 0.1164, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7580, 52.3369,
36.0174

■ 55.7580, 52.3369,
36.0174

■ 51.1853, 45.9118,
26.1068

■ 61.0392, 59.5766,
48.0215

■ 47.2841, 40.2638,
18.1646

■ 67.0556, 67.6517,
62.2280

■ 44.0198, 35.3635,
12.0567

■ 73.8373, 76.5915,
78.7422

■ 41.3526, 31.1763,
7.6312

■ 81.4112, 86.4215,
97.6613

■ 39.2373, 27.6643,
4.7107

■ 87.7418, 96.2325,
108.5580

■ 37.6200, 24.7848,
3.0769

■ 37.0700, 23.7688,
2.6340

Harmonies

Analogous

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



59.5726, 52.3369, 45.1970



55.7580, 52.3369, 36.0174



50.5269, 52.3369, 32.4334

Triad

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



55.7580, 52.3369, 36.0174



40.2048, 52.3369, 54.7861



54.3161, 52.3369, 87.7700

Complementary

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



55.7580, 52.3369, 36.0174



49.0212, 55.6085, 85.9920

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.



48.9705, 52.3369, 91.5693



55.7580, 52.3369, 36.0174



41.0618, 52.3369, 70.6651

Square

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



55.7580, 52.3369, 36.0174



41.7504, 52.3369, 41.9693



44.1800, 52.3369, 84.8309



58.6993, 52.3369, 75.2151

Rectangle

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



55.7580, 52.3369, 36.0174



47.0300, 52.3369, 33.1275



44.1800, 52.3369, 84.8309



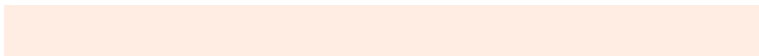
52.5618, 52.3369, 90.1993

Sweetspot

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



55.7593, 52.3394, 36.0185



85.3736, 87.3540, 84.9982



55.8097, 43.6942, 62.9975



18.0355, 18.3832, 17.6150



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.



55.7593, 52.3394, 36.0185



63.6259, 57.8113, 34.7350



65.3992, 71.6192, 39.2318



15.5058, 15.9345, 15.7772



20.9392, 13.5727, 1.5162



1.7323, 1.2420, 0.1484

Inverse Universe

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



49.0212, 55.6085, 85.9920



54.3020, 62.2979, 103.7704



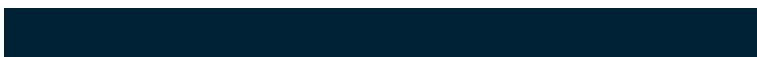
40.4558, 38.4777, 83.1368



15.0389, 16.1641, 19.2496



14.6348, 15.9166, 46.0438



1.2395, 1.4305, 3.6457

Previews

White Background



This preview shows how the XYZ color 55.7580, 52.3369, 36.0174 looks on a white background.

Color Contrast Check

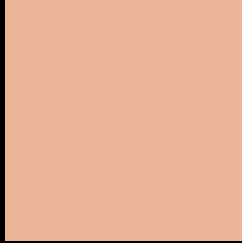
Large Text (above 18pt) WCAG AA × Fail

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 55.7580, 52.3369, 36.0174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

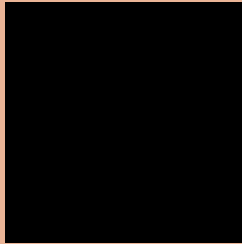
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7580, 52.3369, 36.0174

Background



This preview shows how black text looks on a background with the XYZ color 55.7580, 52.3369, 36.0174.



This preview shows how white text looks on a background with the XYZ color 55.7580, 52.3369,

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

55.7580, 52.3369, 36.0174

Protanopia

49.1758, 52.3247, 38.5182

Deuteranopia

53.6166, 52.4585, 35.7334



Tritanopia

59.6670, 52.4679, 54.5595

Trichromacy



Original Color

55.7580, 52.3369, 36.0174

Protanomaly

51.2516, 52.1367, 37.4991

Deuteranomaly

54.3532, 52.5309, 35.7085

Tritanomaly

58.2872, 52.5048, 47.1068

Monochromacy



Original Color

55.7580, 52.3369, 36.0174

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.9315, 52.5507, 49.0012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7580, 52.3369, 36.0174 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, 180, 150)` looks like.

```
.text, #text, p{  
    color:rgb(234, 180, 150)  
}
```

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, 180, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 180, 150) }
```

Border

The CSS property to change the border of an element to XYZ 55.7580, 52.3369, 36.0174 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, 180, 150) }
```


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

```
.border{ border-color:rgb(234, 180, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 180, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 180, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 180, 150);  
box-shadow:4px 4px 4px 4px rgb(234, 180,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7580, 52.3369, 36.0174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 180, 150) }
```

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

```
.background{ background-color: rgb(234,  
180, 150) }
```

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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