

Converting Colors

XYZ(56.5653, 54.6816, 41.1299)

Have a look what the booklet for
XYZ(56.5653, 54.6816, 41.1299)
contains.

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Color

**XYZ(56.8365, 54.9369,
41.3265)**

Conversions

Conversions Part 1

Format	Color
Hex	E6BBA1
RGB	230, 187, 161
RGB Percent	90%, 73%, 63%
CMY	0.0980, 0.2666, 0.3686
CMYK	0.00, 0.19, 0.30, 0.10
HSL	23°, 58%, 77%
HSV	23°, 30%, 90%
XYZ	56.8365, 54.9369, 41.3265
YIQ	196.8930, 33.9740, 1.0300

Conversions

Conversions Part 2

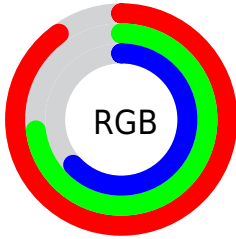
Format	Color
R _Y B	230, 203, 161
Decimal	15121313
CIE Lab	79.00, 11.74, 19.00
CIE LCh	79, 22.330, 58.284
Yxy	54.9369, 0.3712, 0.3588
Android (android.graphics.Color)	4293311393 (0xFFE6BBA1)
YUV	196.8930, -17.6952, 29.0348
Hunter-Lab	74.1194, 7.1689, 18.8255

Details

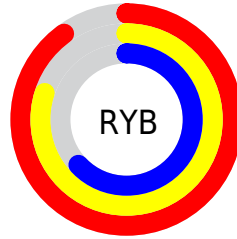
The XYZ color **56.8365, 54.9369, 41.3265** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5731, 56.4742, 83.0982**, and the grayscale version is **53.0966, 55.8618, 60.8335**.

A 20% lighter version of the original color is **85.6853, 90.3191, 77.8830**, and **28.5190, 27.0386, 18.1838** is the 20% darker color. If you saturate the color by 10%, you get **52.1019, 48.4204, 30.6453**, and if you desaturate by 10%, it is **62.2505, 62.2147, 54.0759**.

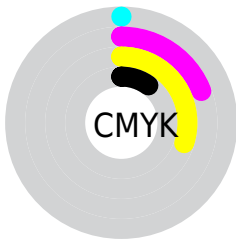
Distribution



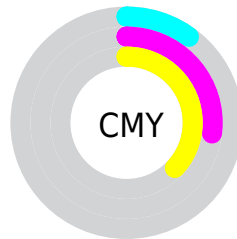
- Red (90%)
- Green (73%)
- Blue (63%)



- Red (90%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (19%)
- Yellow (30%)
- Black (10%)



- Cyan (10%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8365, 54.9369, 41.3265 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 56.8365, 54.9369, 41.3265 by changing the saturation by 10% instead.

56.8365, 54.9369,
41.3265

56.8365, 54.9369,
41.3265

402.8605,
405.6727, 367.4003

41.1136, 39.3512,
28.2527

99.3593, 97.4485,
78.4383

28.5959, 27.0331,
18.2755

126.8900,
125.1432, 103.3134

18.9181, 17.5980,
10.9765

159.0872,
157.6430, 132.9593

11.7148, 10.6618,
5.9371

196.3165,
195.3323, 167.7946

6.6206, 5.8399,
2.7387

238.9431,
238.5956, 208.2378

3.2702, 2.7480,
0.9628

287.3324,

1.2982, 1.0016,

287.8171, 254.7075

0.0000

341.8497,
343.3814, 307.6222

■ 0.1819, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8365, 54.9369,
41.3265

■ 56.8365, 54.9369,
41.3265

■ 52.1019, 48.4204,
30.6453

■ 62.2505, 62.2147,
54.0759

■ 48.0132, 42.6316,
21.9183

■ 68.3671, 70.2706,
68.9928

■ 44.5399, 37.5455,
15.0251

■ 75.2135, 79.1305,
86.1737

■ 41.6474, 33.1327,
9.8307

■ 82.8140, 88.8168,
105.7085

■ 39.2968, 29.3611,
6.1810

■ 86.4432, 95.5630,
108.4972

■ 37.4431, 26.1953,
3.8934

■ 36.0159, 23.5883,
2.6548

■ 36.0158, 23.5882,
2.6547

Harmonies

Analogous

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



60.1051, 54.9369, 48.9577



56.8365, 54.9369, 41.3265



52.4721, 54.9369, 38.5448

Triad

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



56.8365, 54.9369, 41.3265



44.1346, 54.9369, 59.0873



56.3689, 54.9369, 84.0498

Complementary

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



56.8365, 54.9369, 41.3265



50.5731, 56.4742, 83.0982

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.



51.9605, 54.9369, 87.7532



56.8365, 54.9369, 41.3265



45.0491, 54.9369, 72.1738

Square

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



56.8365, 54.9369, 41.3265



45.2813, 54.9369, 47.8557



47.8527, 54.9369, 83.1341



59.8246, 54.9369, 73.6216

Rectangle

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



56.8365, 54.9369, 41.3265



49.5816, 54.9369, 39.4653



47.8527, 54.9369, 83.1341



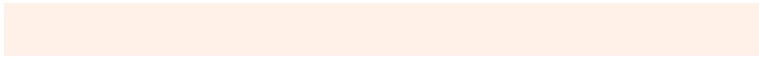
54.9418, 54.9369, 86.1823

Sweetspot

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



56.8379, 54.9394, 41.3276



87.1790, 89.8218, 89.1237



56.3617, 46.7067, 63.6131



18.4029, 18.8903, 18.4396



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.



56.8379, 54.9394, 41.3276



68.0167, 64.2073, 43.5527



64.8701, 71.0039, 44.0050



14.8198, 15.2536, 15.0676



20.4985, 13.5711, 1.5391



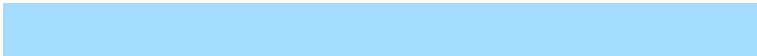
1.6019, 1.1771, 0.1428

Inverse Universe

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



50.5731, 56.4742, 83.0982



58.8941, 66.4255, 104.3251



43.3937, 42.1154, 80.7051



14.3272, 15.3758, 18.3570



13.7954, 14.6529, 44.4844



1.1081, 1.2602, 3.3168

Previews

White Background



This preview shows how the XYZ color 56.8365, 54.9369, 41.3265 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 56.8365, 54.9369, 41.3265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

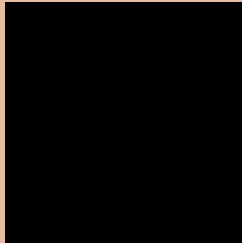
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8365, 54.9369, 41.3265

Background



This preview shows how black text looks on a background with the XYZ color 56.8365, 54.9369, 41.3265.



This preview shows how white text looks on a background with the XYZ color 56.8365, 54.9369,

41.3265.

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

56.8365, 54.9369, 41.3265

Protanopia

51.7602, 54.8686, 43.4600

Deuteranopia

56.0948, 54.8705, 41.3528



Tritanopia

60.6234, 54.9338, 59.6326

Trichromacy



Original Color

56.8365, 54.9369, 41.3265

Protanomaly

53.5748, 54.8267, 42.8809

Deuteranomaly

56.4112, 55.0336, 41.3676

Tritanomaly

59.2920, 55.0235, 52.2953

Monochromacy



Original Color

56.8365, 54.9369, 41.3265

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.0162, 55.1559, 53.1466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8365, 54.9369, 41.3265 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(230, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(230, 187, 161)  
}
```

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(230, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 187, 161) }
```

Border

The CSS property to change the border of an element to XYZ 56.8365, 54.9369, 41.3265 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(230, 187, 161) }
```


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

```
.border{ border-color:rgb(230, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 187, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 187, 161);  
box-shadow:4px 4px 4px 4px rgb(230, 187,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8365, 54.9369, 41.3265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 187, 161) }
```

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

```
.background{ background-color: rgb(230,  
187, 161) }
```

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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