

Converting Colors

XYZ(65.4399, 65.5245, 53.4544)

Have a look what the booklet for
XYZ(65.4399, 65.5245, 53.4544)
contains.

XYZ(65.4399, 65.5245, 53.4544)	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(65.4399, 65.5245,
53.4544)**

Conversions

Conversions Part 1

Format	Color
Hex	EDCEB6
RGB	237, 206, 182
RGB Percent	93%, 81%, 71%
CMY	0.0706, 0.1921, 0.2863
CMYK	0.00, 0.13, 0.23, 0.07
HSL	26°, 60%, 82%
HSV	26°, 23%, 93%
XYZ	65.4399, 65.5245, 53.4544
YIQ	212.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

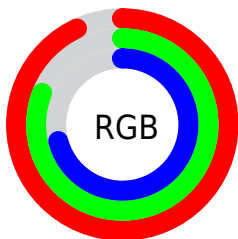
Format	Color
RYB	237, 225, 182
Decimal	15584950
CIELab	84.75, 7.23, 15.94
CIELCh	85, 17.499, 65.611
Yxy	65.5245, 0.3548, 0.3553
Android (android.graphics.Color)	4293775030 (0xFFEDCEB6)
YUV	212.5330, -15.0528, 21.4576
Hunter-Lab	80.9472, 2.6466, 17.5102

Details

The XYZ color **65.4399, 65.5245, 53.4544** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.3714, 63.6466, 89.3298**, and the grayscale version is **63.0205, 66.3025, 72.2034**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **34.2467, 33.8652, 25.5005** is the 20% darker color. If you saturate the color by 10%, you get **60.1154, 58.4688, 40.6012**, and if you desaturate by 10%, it is **71.4557, 73.2985, 68.5846**.

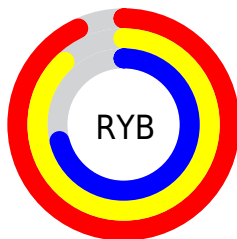
Distribution



Red (93%)

Green (81%)

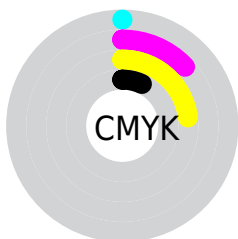
Blue (71%)



Red (93%)

Yellow (88%)

Blue (71%)

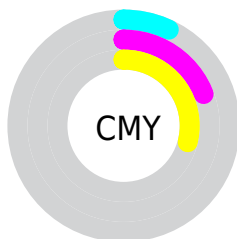


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (7%)



Cyan (7%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4399, 65.5245, 53.4544 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 65.4399, 65.5245, 53.4544 by changing the saturation by 10% instead.


 65.4399, 65.5245,
53.4544

 65.4399, 65.5245,
53.4544


433.8914,
444.6744, 417.1417

 48.0839, 47.8865,
37.7754


 111.7443,
112.8036, 96.7210

 34.1049, 33.7370,
25.5080


141.4233,
143.2135, 125.1457

 23.1374, 22.6916,
16.2335


175.9408,
178.6494, 158.6561

 14.8163, 14.3660,
9.5334

215.6620,
219.4959, 197.6706

 8.7760, 8.3757,
4.9891

260.9523,
266.1372, 242.6079

 4.6513, 4.3362,
2.1823

312.1770,

 2.0768, 1.8634,

318.9578, 293.8865

0.6641

369.7016,
378.3421, 351.9249

■ 0.6766, 0.5262,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4399, 65.5245,
53.4544

■ 65.4399, 65.5245,
53.4544

■ 60.1154, 58.4688,
40.6012

■ 71.4557, 73.2985,
68.5846

■ 55.4494, 52.1005,
29.9087

■ 78.1836, 81.8027,
86.0920

■ 51.4138, 46.3996,
21.2567

■ 85.6496, 91.0599,
106.0757

■ 47.9765, 41.3415,
14.5111

■ 88.7353, 96.7447,
108.6045

■ 45.1017, 36.8994,
9.5216

■ 42.7489, 33.0445,
6.1149

■ 40.8704, 29.7439,
4.0812

■ 39.8192, 27.7925,
3.2658

Harmonies

Analogous

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



68.6025, 65.5245, 59.5124



65.4399, 65.5245, 53.4544



61.5459, 65.5245, 51.9664

Triad

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



65.4399, 65.5245, 53.4544



55.0830, 65.5245, 73.4739



66.7664, 65.5245, 90.3490

Complementary

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



65.4399, 65.5245, 53.4544



58.3714, 63.6466, 89.3298

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.



63.0180, 65.5245, 95.0262



65.4399, 65.5245, 53.4544



56.3567, 65.5245, 84.6505

Square

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



65.4399, 65.5245, 53.4544



55.6709, 65.5245, 62.8069



59.2217, 65.5245, 92.8390



69.3905, 65.5245, 80.6239

Rectangle

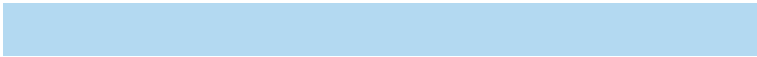
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.4399, 65.5245, 53.4544



59.0812, 65.5245, 53.6148



59.2217, 65.5245, 92.8390



65.5903, 65.5245, 92.6077

Sweetspot

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



65.4416, 65.5275, 53.4558



89.1824, 92.6520, 93.4189



63.6851, 56.2738, 70.5679



18.9847, 19.7001, 19.7242



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.



65.4416, 65.5275, 53.4558



74.0898, 73.1838, 55.3488



72.6026, 79.8493, 55.8427



15.6063, 16.1356, 15.8107



21.8651, 15.4244, 1.8248



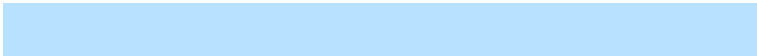
1.8111, 1.3995, 0.1747

Inverse Universe

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



58.3714, 63.6466, 89.3298



64.3336, 70.5852, 104.8413



52.0670, 51.0379, 87.2284



14.9355, 15.9575, 19.2152



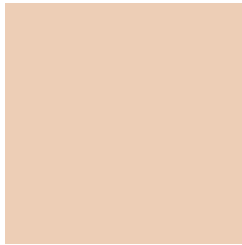
13.1001, 12.8472, 45.5323



1.1241, 1.1997, 3.6072

Previews

White Background



This preview shows how the XYZ color 65.4399, 65.5245, 53.4544 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 65.4399, 65.5245, 53.4544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

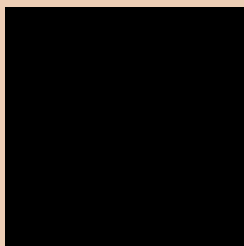
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4399, 65.5245, 53.4544

Background



This preview shows how black text looks on a background with the XYZ color 65.4399, 65.5245, 53.4544.



This preview shows how white text looks on a background with the XYZ color 65.4399, 65.5245,

53.4544.

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

65.4399, 65.5245, 53.4544

Protanopia

62.1754, 65.6209, 55.2880

Deuteranopia

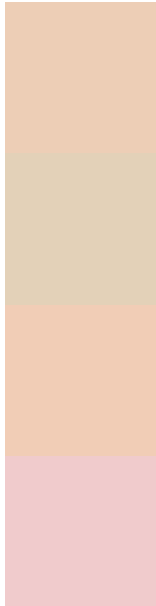
66.9985, 65.6178, 53.3903



Tritanopia

69.6867, 65.4838, 74.6124

Trichromacy



Original Color

65.4399, 65.5245, 53.4544

Protanomaly

63.1307, 65.3925, 54.6421

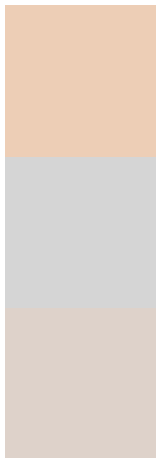
Deuteranomaly

66.5504, 65.7408, 53.4376

Tritanomaly

68.1902, 65.5968, 66.1942

Monochromacy



Original Color

65.4399, 65.5245, 53.4544

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.8315, 65.8871, 65.2303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4399, 65.5245, 53.4544 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(237, 206, 182)` looks like.

```
.text, #text, p{  
    color:rgb(237, 206, 182)  
}
```

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(237, 206, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 206, 182) }
```

Border

The CSS property to change the border of an element to XYZ 65.4399, 65.5245, 53.4544 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(237, 206, 182) }
```


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

```
.border{ border-color:rgb(237, 206, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 206, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 206, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 206, 182); box-shadow:4px 4px 4px 4px rgb(237, 206, 182) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4399, 65.5245, 53.4544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 206, 182) }
```

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

```
.background{ background-color: rgb(237,  
206, 182) }
```

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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