

Converting Colors

XYZ(65.4277, 64.8317, 52.2454)

Have a look what the booklet for
XYZ(65.4277, 64.8317, 52.2454)
contains.

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Color

**XYZ(65.4277, 64.8317,
52.2454)**

Conversions

Conversions Part 1

Format	Color
Hex	EFCCB4
RGB	239, 204, 180
RGB Percent	94%, 80%, 71%
CMY	0.0627, 0.2000, 0.2941
CMYK	0.00, 0.15, 0.25, 0.06
HSL	24°, 65%, 82%
HSV	24°, 25%, 94%
XYZ	65.4277, 64.8317, 52.2454
YIQ	211.7290, 28.5640, -0.0440

Conversions

Conversions Part 2

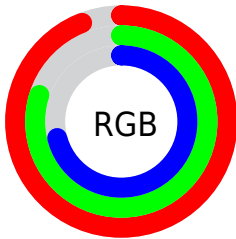
Format	Color
RYB	239, 220, 180
Decimal	15715508
CIELab	84.40, 8.73, 16.52
CIElCh	84, 18.689, 62.136
Yxy	64.8317, 0.3585, 0.3552
Android (android.graphics.Color)	4293905588 (0xFFEFCCB4)
YUV	211.7290, -15.6424, 23.9167
Hunter-Lab	80.5181, 4.1394, 17.8915

Details

The XYZ color **65.4277, 64.8317, 52.2454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.7024, 64.5346, 91.0242**, and the grayscale version is **62.4880, 65.7423, 71.5933**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **34.0285, 33.2901, 24.7108** is the 20% darker color. If you saturate the color by 10%, you get **59.9827, 57.5077, 39.4363**, and if you desaturate by 10%, it is **71.6027, 72.9430, 67.3705**.

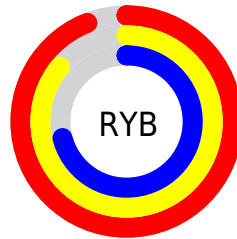
Distribution



Red (94%)

Green (80%)

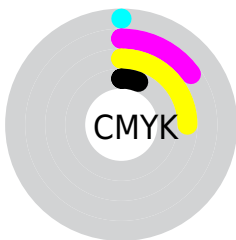
Blue (71%)



Red (94%)

Yellow (86%)

Blue (71%)

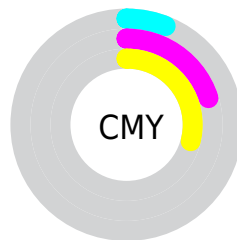


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (6%)



Cyan (6%)

Magenta (20%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4277, 64.8317, 52.2454 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 65.4277, 64.8317, 52.2454 by changing the saturation by 10% instead.


 65.4277, 64.8317,
52.2454

 65.4277, 64.8317,
52.2454


433.8483,
442.1869, 412.3671

 48.0740, 47.3246,
36.8171


 111.7268,
111.8079, 94.9233

 34.0970, 33.2924,
24.7713

141.4029,
142.0457, 123.0100

 23.1313, 22.3505,
15.6892


175.9172,
177.2960, 156.1533

 14.8117, 14.1147,
9.1526

215.6349,
217.9430, 194.7717

 8.7728, 8.2005,
4.7427

260.9216,
264.3713, 239.2838

 4.6492, 4.2235,
2.0410

312.1425,

 2.0756, 1.7993,

316.9650, 290.1080

0.5803

369.6629,
376.1088, 347.6629

■ 0.6759, 0.4868,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4277, 64.8317,
52.2454

■ 65.4277, 64.8317,
52.2454

■ 59.9827, 57.5077,
39.4363

■ 71.6027, 72.9430,
67.3705

■ 55.2329, 50.9372,
28.8230

■ 78.5304, 81.8563,
84.9154

■ 51.1481, 45.0969,
20.2804

■ 86.2387, 91.5972,
104.9827

■ 47.6934, 39.9585,
13.6692

■ 89.4068, 97.0908,
108.6359

■ 44.8304, 35.4917,
8.8326

■ 42.5152, 31.6634,
5.5885

■ 40.6960, 28.4360,
3.7145

■ 39.8936, 26.9445,
3.0982

Harmonies

Analogous

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



68.6312, 64.8317, 59.1137



65.4277, 64.8317, 52.2454



61.3235, 64.8317, 50.1189

Triad

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



65.4277, 64.8317, 52.2454



53.9820, 64.8317, 71.4463



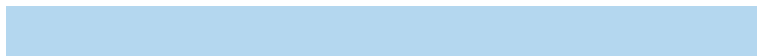
65.9655, 64.8317, 91.7758

Complementary

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



65.4277, 64.8317, 52.2454



58.7024, 64.5346, 91.0242

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.



61.9186, 64.8317, 95.9927



65.4277, 64.8317, 52.2454



55.1045, 64.8317, 83.4646

Square

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



65.4277, 64.8317, 52.2454



54.8287, 64.8317, 60.4347



57.9641, 64.8317, 92.7946



68.9514, 64.8317, 81.8251

Rectangle

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



65.4277, 64.8317, 52.2454



58.6611, 64.8317, 51.4593



57.9641, 64.8317, 92.7946



64.6780, 64.8317, 93.9582

Sweetspot

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



65.4294, 64.8347, 52.2467



89.0229, 92.3330, 93.3658



64.2357, 55.9209, 71.9687



18.9478, 19.6263, 19.7118



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.



65.4294, 64.8347, 52.2467



72.2802, 70.4025, 52.1626



73.0026, 79.9810, 54.7711



16.3008, 16.8148, 16.5361



22.1672, 15.1324, 1.7525



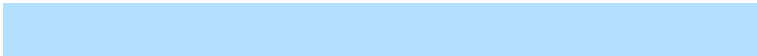
1.9394, 1.4495, 0.1776

Inverse Universe

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



58.7024, 64.5346, 91.0242



63.1472, 69.9886, 104.7887



51.9410, 51.0119, 88.7705



15.6767, 16.7876, 20.1357



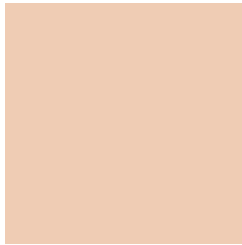
14.0679, 14.3601, 47.1582



1.2678, 1.3896, 3.9556

Previews

White Background



This preview shows how the XYZ color 65.4277, 64.8317, 52.2454 looks on a white background.

Color Contrast Check

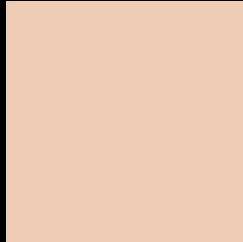
Large Text (above 18pt) WCAG AA × Fail

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 65.4277, 64.8317, 52.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

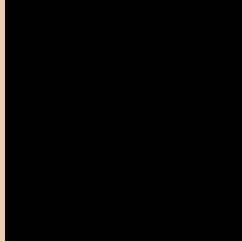
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4277, 64.8317, 52.2454

Background



This preview shows how black text looks on a background with the XYZ color 65.4277, 64.8317, 52.2454.



This preview shows how white text looks on a background with the XYZ color 65.4277, 64.8317,

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

65.4277, 64.8317, 52.2454

Protanopia

61.4126, 64.8842, 54.0869

Deuteranopia

66.2121, 64.8844, 52.2142



Tritanopia

69.6513, 64.8078, 73.1281

Trichromacy



Original Color

65.4277, 64.8317, 52.2454

Protanomaly

62.9943, 64.9831, 53.4788

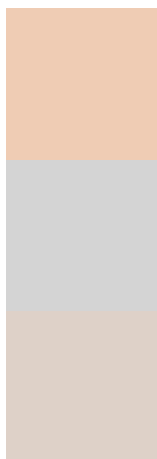
Deuteranomaly

65.8698, 64.7079, 52.1982

Tritanomaly

68.1653, 64.9148, 64.8142

Monochromacy



Original Color

65.4277, 64.8317, 52.2454

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3500, 65.3007, 63.9090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4277, 64.8317, 52.2454 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(239, 204, 180)` looks like.

```
.text, #text, p{  
    color:rgb(239, 204, 180)  
}
```

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(239, 204, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 204, 180) }
```

Border

The CSS property to change the border of an element to XYZ 65.4277, 64.8317, 52.2454 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(239, 204, 180) }
```


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

```
.border{ border-color:rgb(239, 204, 180) }
```

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

Here you see how a box with a 4 pixel rgb(239, 204, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 204, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 204, 180);  
box-shadow:4px 4px 4px 4px rgb(239, 204,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4277, 64.8317, 52.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 204, 180) }
```

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

```
.background{ background-color: rgb(239,  
204, 180) }
```

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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