

Converting Colors

XYZ(62.5464, 67.1860, 25.4947)

Have a look what the booklet for
XYZ(62.5464, 67.1860, 25.4947)
contains.

XYZ(62.4281, 67.1541, 25.5913)	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(62.4281, 67.1541,
25.5913)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD572
RGB	239, 213, 114
RGB Percent	94%, 84%, 45%
CMY	0.0627, 0.1647, 0.5529
CMYK	0.00, 0.11, 0.52, 0.06
HSL	48°, 80%, 69%
HSV	48°, 52%, 94%
XYZ	62.4281, 67.1541, 25.5913
YIQ	209.4880, 47.2750, -25.2770

Conversions

Conversions Part 2

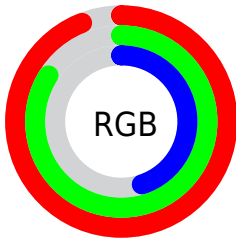
Format	Color
RYB	147, 239, 114
Decimal	15717746
CIELab	85.58, -3.22, 51.71
CIELCh	86, 51.815, 93.568
Yxy	67.1541, 0.4023, 0.4328
Android (android.graphics.Color)	4293907826 (0xFFEFD572)
YUV	209.4880, -47.0756, 25.8820
Hunter-Lab	81.9476, -7.4261, 38.8477

Details

The XYZ color **62.4281, 67.1541, 25.5913** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.8972, 28.5646, 85.4934**, and the grayscale version is **61.2013, 64.3885, 70.1191**.

A 20% lighter version of the original color is **84.0679, 95.6072, 51.0690**, and **32.3237, 34.9678, 9.6033** is the 20% darker color. If you saturate the color by 10%, you get **60.0110, 64.2200, 18.9286**, and if you desaturate by 10%, it is **65.2421, 70.3133, 34.1410**.

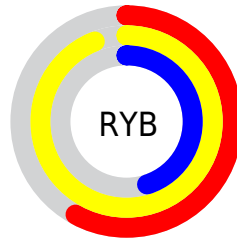
Distribution



Red (94%)

Green (84%)

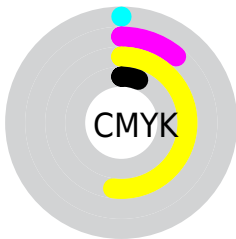
Blue (45%)



Red (58%)

Yellow (94%)

Blue (45%)

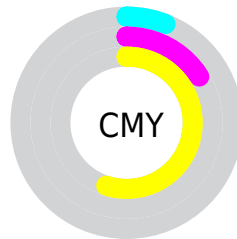


Cyan (0%)

Magenta (11%)

Yellow (52%)

Black (6%)



Cyan (6%)

Magenta (16%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.4281, 67.1541, 25.5913 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 62.4281, 67.1541, 25.5913 by changing the saturation by 10% instead.

62.4281, 67.1541,
25.5913

62.4281, 67.1541,
25.5913

423.1837,
450.4931, 294.3114

45.6356, 49.2099,
16.2951

107.4305,
115.1412, 53.5908

32.1618, 34.7860,
9.5766

136.3711,
145.9528, 73.1313

21.6412, 23.4981,
5.0172

170.0917,
181.8224, 96.9236

13.7087, 14.9617,
2.1985

208.9578,
223.1343, 125.3862

7.9987, 8.7925,
0.6735

253.3347,
270.2730, 158.9378

4.1459, 4.6061,
0.0000

303.5877,

1.7850, 2.0181,

323.6227, 197.9968

0.0000

360.0823,
383.5679, 242.9818

■ 0.5086, 0.6179,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4281, 67.1541,
25.5913

■ 62.4281, 67.1541,
25.5913

■ 60.0110, 64.2200,
18.9286

■ 65.2421, 70.3133,
34.1410

■ 57.9574, 61.4895,
13.9996


■ 68.4739, 73.6990,
44.7069


■ 56.2359, 58.9521,
10.6340


■ 72.1482, 77.3240,
57.4112


■ 54.8068, 56.5913,
8.6243


■ 76.2866, 81.1976,
72.3655


 53.8585, 54.8747,
7.7532

 80.9091, 85.3281,
89.6734

 85.6452, 89.5681,
107.3821

 87.1514, 92.5804,
107.8842

 88.6981, 95.6740,
108.3998

 89.4065, 97.0907,
108.6359

Harmonies

Analogous

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



74.4554, 67.1541, 29.0425



62.4281, 67.1541, 25.5913



52.1006, 67.1541, 31.2799

Triad

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



62.4281, 67.1541, 25.5913



46.7475, 67.1541, 115.1924



86.3454, 67.1541, 105.9785

Complementary

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



62.4281, 67.1541, 25.5913



31.8972, 28.5646, 85.4934

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.



77.1950, 67.1541, 141.6183



62.4281, 67.1541, 25.5913



54.2632, 67.1541, 147.9868

Square

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



62.4281, 67.1541, 25.5913



43.7778, 67.1541, 77.2330



65.2486, 67.1541, 158.8979



89.2204, 67.1541, 69.1545

Rectangle

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



62.4281, 67.1541, 25.5913



47.2773, 67.1541, 40.9541



65.2486, 67.1541, 158.8979



83.8503, 67.1541, 118.8273

Sweetspot

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



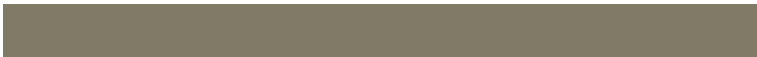
62.4297, 67.1573, 25.5927



86.5160, 92.3509, 77.0180



46.4282, 32.3115, 29.0224



18.3055, 19.5682, 15.7167



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.



62.4297, 67.1573, 25.5927



69.2893, 74.1008, 21.3231



58.6917, 75.7264, 27.4437



16.8276, 17.8683, 16.7117



29.8612, 30.5204, 4.3172



2.5534, 2.6775, 0.3822

Inverse Universe

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



31.8972, 28.5646, 85.4934



30.3896, 24.9934, 97.8302



34.0685, 24.6962, 84.6323



15.1636, 15.7612, 19.9646



9.3087, 4.8417, 45.5718



0.8437, 0.5414, 3.8143

Previews

White Background



This preview shows how the XYZ color 62.4281, 67.1541, 25.5913 looks on a white background.

Color Contrast Check

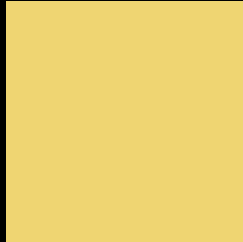
Large Text (above 18pt) WCAG AA × Fail

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 62.4281, 67.1541, 25.5913 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 62.4281, 67.1541, 25.5913

Background



This preview shows how black text looks on a background with the XYZ color 62.4281, 67.1541, 25.5913.

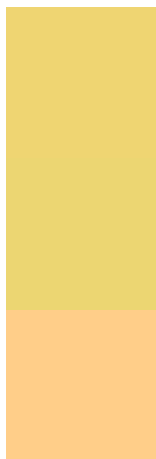


This preview shows how white text looks on a background with the XYZ color 62.4281, 67.1541,

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

62.4281, 67.1541, 25.5913

Protanopia

61.6759, 67.1409, 25.6284

Deuteranopia

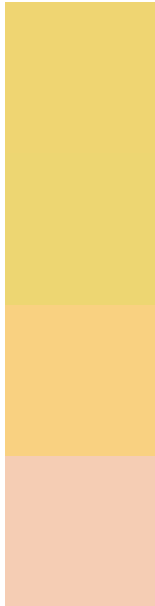
67.8267, 67.2088, 33.0646



Tritanopia

72.4780, 66.9228, 74.7430

Trichromacy



Original Color

62.4281, 67.1541, 25.5913

Protanomaly

62.0089, 67.3126, 25.6440

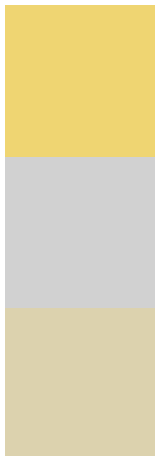
Deuteranomaly

65.8298, 67.3256, 30.2944

Tritanomaly

67.7257, 66.3704, 52.4213

Monochromacy



Original Color

62.4281, 67.1541, 25.5913

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2018, 64.3648, 49.2951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.4281, 67.1541, 25.5913 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, 213, 114)` looks like.

```
.text, #text, p{  
    color:rgb(239, 213, 114)  
}
```

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, 213, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 213, 114) }
```

Border

The CSS property to change the border of an element to XYZ 62.4281, 67.1541, 25.5913 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, 213, 114) }
```


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

```
.border{ border-color:rgb(239, 213, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 213, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 213, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 213, 114);  
box-shadow:4px 4px 4px 4px rgb(239, 213,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 62.4281, 67.1541, 25.5913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 213, 114) }
```

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

```
.background{ background-color: rgb(239,  
213, 114) }
```

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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