

Converting Colors

XYZ(61.5488, 65.4062, 25.5440)

Have a look what the booklet for
XYZ(61.5488, 65.4062, 25.5440)
contains.

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Color

**XYZ(61.7377, 65.6817,
25.6436)**

Conversions

Conversions Part 1

Format	Color
Hex	EFD273
RGB	239, 210, 115
RGB Percent	94%, 82%, 45%
CMY	0.0627, 0.1764, 0.5490
CMYK	0.00, 0.12, 0.52, 0.06
HSL	46°, 79%, 69%
HSV	46°, 52%, 94%
XYZ	61.7377, 65.6817, 25.6436
YIQ	207.8410, 47.7790, -23.3970

Conversions

Conversions Part 2

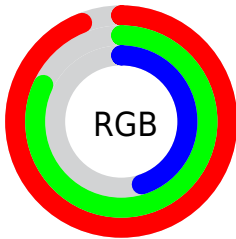
Format	Color
RYB	153, 239, 115
Decimal	15716979
CIELab	84.83, -1.61, 50.34
CIELCh	85, 50.367, 91.831
Yxy	65.6817, 0.4033, 0.4291
Android (android.graphics.Color)	4293907059 (0xFFEFD273)
YUV	207.8410, -45.7706, 27.3264
Hunter-Lab	81.0442, -5.8501, 37.9707

Details

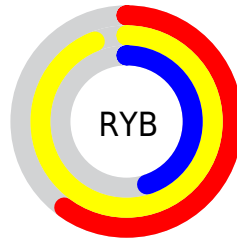
The XYZ color **61.7377, 65.6817, 25.6436** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **32.6232, 29.8224, 85.6979**, and the grayscale version is **60.1181, 63.2489, 68.8781**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **31.8417, 33.9596, 9.5792** is the 20% darker color. If you saturate the color by 10%, you get **59.1816, 62.4924, 18.8638**, and if you desaturate by 10%, it is **64.7017, 69.1162, 34.3195**.

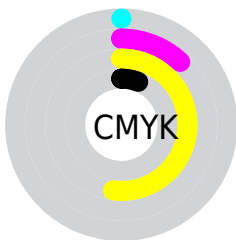
Distribution



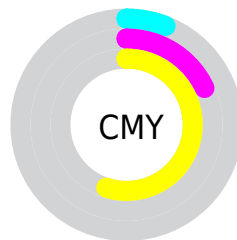
- Red (94%)
- Green (82%)
- Blue (45%)



- Red (60%)
- Yellow (94%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (52%)
- Black (6%)



- Cyan (6%)
- Magenta (18%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7377, 65.6817, 25.6436 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 61.7377, 65.6817, 25.6436 by changing the saturation by 10% instead.

61.7377, 65.6817,
25.6436

61.7377, 65.6817,
25.6436

420.7065,
445.2377, 294.5777

45.0756, 48.0141,
16.3338

106.4384,
113.0294, 53.6764

31.7185, 33.8380,
9.6038

135.2077,
143.4782, 73.2366

21.3011, 22.7692,
5.0349

168.7435,
178.9562, 97.0506

13.4580, 14.4232,
2.2087

207.4111,
219.8477, 125.5370

7.8238, 8.4156,
0.6794

251.5758,
266.5373, 159.1144

4.0333, 4.3620,
0.0000

301.6030,

1.7210, 1.8780,

319.4092, 198.2013

0.0000

357.8581,
378.8479, 243.2162

■ 0.4693, 0.5351,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7377, 65.6817,
25.6436

■ 61.7377, 65.6817,
25.6436

■ 59.1816, 62.4924,
18.8638

■ 64.7017, 69.1162,
34.3195

■ 56.9999, 59.5268,
13.8278


■ 68.0944, 72.7975,
45.0201


■ 55.1614, 56.7739,
10.3659


■ 71.9409, 76.7390,
57.8674


■ 53.6266, 54.2173,
8.2729


■ 76.2625, 80.9498,
72.9726


 52.5539, 52.2655,
7.3184

 81.0795, 85.4389,
90.4390

 85.8578, 89.9934,
107.4530

 87.5607, 93.3992,
108.0206

 89.3150, 96.9078,
108.6054

 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.



73.2450, 65.6817, 29.5242



61.7377, 65.6817, 25.6436



51.6672, 65.6817, 30.6389

Triad

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



61.7377, 65.6817, 25.6436



45.7449, 65.6817, 109.5629



83.5825, 65.6817, 105.0555

Complementary

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



61.7377, 65.6817, 25.6436



32.6232, 29.8224, 85.6979

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.



74.5890, 65.6817, 138.3909



61.7377, 65.6817, 25.6436



52.7330, 65.6817, 141.4974

Square

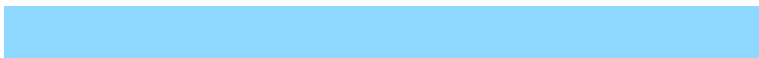
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7377, 65.6817, 25.6436



43.1516, 65.6817, 73.5203



63.1244, 65.6817, 153.3675



86.7305, 65.6817, 69.5488

Rectangle

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



61.7377, 65.6817, 25.6436



46.8728, 65.6817, 39.5706



63.1244, 65.6817, 153.3675



81.0933, 65.6817, 117.2164

Sweetspot

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



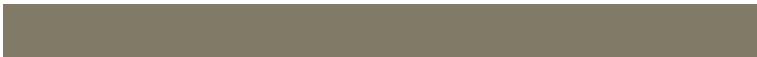
61.7393, 65.6848, 25.6449



86.1949, 91.7088, 76.9109



46.9160, 32.6881, 31.0316



18.2284, 19.4141, 15.6910



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.



61.7393, 65.6848, 25.6449



68.4728, 72.2809, 21.6275



59.9736, 76.3806, 27.8025



16.7914, 17.7959, 16.6997



29.1478, 29.0936, 4.0794



2.4997, 2.5701, 0.3643

Inverse Universe

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



32.6232, 29.8224, 85.6979



31.4759, 26.7695, 98.1158



33.5654, 24.6053, 84.6412



15.1972, 15.8285, 19.9758



9.4712, 5.1666, 45.6259



0.8617, 0.5774, 3.8202

Previews

White Background



This preview shows how the XYZ color 61.7377, 65.6817, 25.6436 looks on a white background.

Color Contrast Check

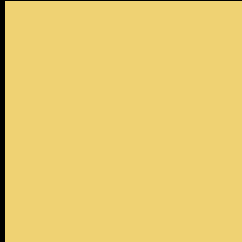
Large Text (above 18pt) WCAG AA × Fail

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 61.7377, 65.6817, 25.6436 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 61.7377, 65.6817, 25.6436

Background



This preview shows how black text looks on a background with the XYZ color 61.7377, 65.6817, 25.6436.



This preview shows how white text looks on a background with the XYZ color 61.7377, 65.6817,

25.6436.

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

61.7377, 65.6817, 25.6436

Protanopia

60.3001, 65.6716, 26.0207

Deuteranopia

66.5584, 65.5569, 29.9146



Tritanopia

71.2724, 65.6583, 72.5352

Trichromacy



Original Color

61.7377, 65.6817, 25.6436

Protanomaly

60.7076, 65.5117, 25.9684

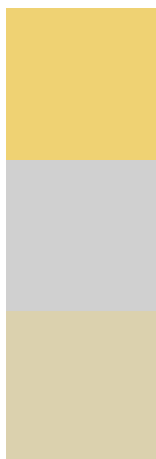
Deuteranomaly

64.7763, 65.7376, 28.3433

Tritanomaly

67.0480, 65.3387, 51.1973

Monochromacy



Original Color

61.7377, 65.6817, 25.6436

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6539, 63.7170, 49.1989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7377, 65.6817, 25.6436 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, 210, 115)` looks like.

```
.text, #text, p{  
    color:rgb(239, 210, 115)  
}
```

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, 210, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 210, 115) }
```

Border

The CSS property to change the border of an element to XYZ 61.7377, 65.6817, 25.6436 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, 210, 115) }
```


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

```
.border{ border-color:rgb(239, 210, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 210, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 210, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 210, 115);  
box-shadow:4px 4px 4px 4px rgb(239, 210,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7377, 65.6817, 25.6436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 210, 115) }
```

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

```
.background{ background-color: rgb(239,  
210, 115) }
```

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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