

Converting Colors

XYZ(58.0240, 61.6025, 25.3553)

Have a look what the booklet for
XYZ(58.0240, 61.6025, 25.3553)
contains.

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Color

**XYZ(58.0240, 61.6025,
25.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	E8CC74
RGB	232, 204, 116
RGB Percent	91%, 80%, 45%
CMY	0.0902, 0.2000, 0.5451
CMYK	0.00, 0.12, 0.50, 0.09
HSL	46°, 72%, 68%
HSV	46°, 50%, 91%
XYZ	58.0240, 61.6025, 25.3553
YIQ	202.3400, 44.9360, -21.4320

Conversions

Conversions Part 2

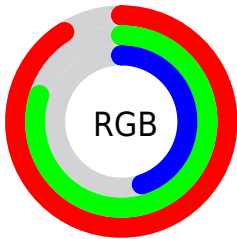
Format	Color
RYB	153, 232, 116
Decimal	15256692
CIELab	82.70, -1.28, 47.13
CIElCh	83, 47.147, 91.557
Yxy	61.6025, 0.4002, 0.4249
Android (android.graphics.Color)	4293446772 (0xFFE8CC74)
YUV	202.3400, -42.5656, 26.0118
Hunter-Lab	78.4873, -5.3914, 35.7875

Details

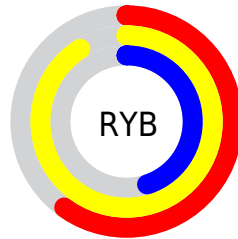
The XYZ color **58.0240, 61.6025, 25.3553** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **31.7410, 29.4848, 80.3620**, and the grayscale version is **56.5908, 59.5379, 64.8368**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **29.3160, 31.1930, 9.4768** is the 20% darker color. If you saturate the color by 10%, you get **55.5330, 58.5172, 18.6782**, and if you desaturate by 10%, it is **60.9028, 64.9241, 33.8255**.

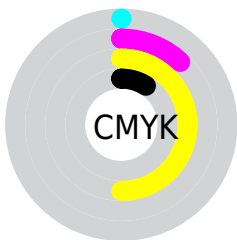
Distribution



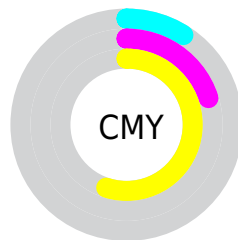
- Red (91%)
- Green (80%)
- Blue (45%)



- Red (60%)
- Yellow (91%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (50%)
- Black (9%)



- Cyan (9%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0240, 61.6025, 25.3553 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 58.0240, 61.6025, 25.3553 by changing the saturation by 10% instead.

■ 58.0240, 61.6025,
25.3553

■ 58.0240, 61.6025,
25.3553

407.2278,
430.4797, 293.1069

■ 42.0713, 44.7116,
16.1205

■ 101.0806,
107.1508, 53.2043

■ 29.3485, 31.2303,
9.4542

■ 128.9151,
136.5770, 72.6556

■ 19.4902, 20.7743,
4.9378

■ 161.4410,
170.9505, 96.3495

■ 12.1311, 12.9591,
2.1527

199.0236,
210.6555, 124.7045

■ 6.9059, 7.4004,
0.6469

242.0282,
256.0765, 158.1393

■ 3.4491, 3.7137,
0.0000

290.8202,

■ 1.3955, 1.5148,

307.5980, 197.0722

0.0000

345.7649,
365.6042, 241.9219

■ 0.2530, 0.2991,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0240, 61.6025,
25.3553

■ 58.0240, 61.6025,
25.3553

■ 55.5330, 58.5172,
18.6782

■ 60.9028, 64.9241,
33.8255

■ 53.3992, 55.6482,
13.6555


■ 64.1885, 68.4835,
44.2059

■ 51.5945, 52.9858,
10.1345


■ 67.9037, 72.2928,
56.6081


■ 50.0836, 50.5150,
7.9320


■ 72.0685, 76.3608,
71.1342


 48.8063, 48.2110,
6.7334


 76.7012, 80.6956,
87.8790

 48.8061, 48.2108,
6.7332

 81.7866, 85.2918,
106.7601

 83.4386, 88.5956,
107.3107

 85.1416, 92.0017,
107.8784

 86.8962, 95.5110,
108.4633

Harmonies

Analogous

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



68.3206, 61.6025, 29.0269



58.0240, 61.6025, 25.3553



48.9433, 61.6025, 29.9022

Triad

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



58.0240, 61.6025, 25.3553



43.4811, 61.6025, 100.6855



77.3896, 61.6025, 97.2848

Complementary

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



58.0240, 61.6025, 25.3553



31.7410, 29.4848, 80.3620

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.



69.3410, 61.6025, 126.6769



58.0240, 61.6025, 25.3553



49.7608, 61.6025, 129.0054

Square

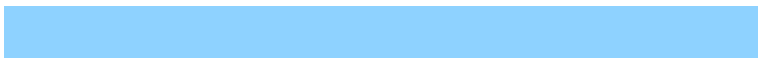
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0240, 61.6025, 25.3553



41.1686, 61.6025, 68.6009



59.0818, 61.6025, 139.6616



80.2453, 61.6025, 65.5712

Rectangle

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



58.0240, 61.6025, 25.3553



44.5901, 61.6025, 38.0412



59.0818, 61.6025, 139.6616



75.1592, 61.6025, 108.0490

Sweetspot

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



58.0255, 61.6054, 25.3565



86.6175, 92.0279, 78.6732



44.6353, 31.6915, 30.5534



18.3086, 19.4708, 16.0369



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.



58.0255, 61.6054, 25.3565



68.7295, 72.4017, 22.9229



56.6378, 71.6707, 27.3725



15.2915, 16.1968, 15.2248



27.1981, 26.9703, 3.7723



2.0807, 2.1347, 0.3024

Inverse Universe

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



31.7410, 29.4848, 80.3620



32.7511, 28.4879, 98.3803



32.4885, 24.3375, 79.3290



13.8639, 14.4491, 18.2026



8.9529, 4.9679, 42.8702



0.7328, 0.5095, 3.1917

Previews

White Background



This preview shows how the XYZ color 58.0240, 61.6025, 25.3553 looks on a white background.

Color Contrast Check

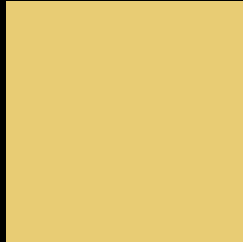
Large Text (above 18pt) WCAG AA × Fail

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 58.0240, 61.6025, 25.3553 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 58.0240, 61.6025, 25.3553

Background



This preview shows how black text looks on a background with the XYZ color 58.0240, 61.6025, 25.3553.



This preview shows how white text looks on a background with the XYZ color 58.0240, 61.6025,

25.3553.

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

58.0240, 61.6025, 25.3553

Protanopia

56.6462, 61.5957, 25.7332

Deuteranopia

62.7936, 61.2971, 25.6615



Tritanopia

66.7308, 61.3948, 68.0078

Trichromacy



Original Color

58.0240, 61.6025, 25.3553

Protanomaly

57.0371, 61.4410, 25.6827

Deuteranomaly

60.9425, 61.3643, 25.4621

Tritanomaly

62.9640, 61.2048, 49.0526

Monochromacy



Original Color

58.0240, 61.6025, 25.3553

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1472, 59.7983, 47.1110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0240, 61.6025, 25.3553 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(232, 204, 116)` looks like.

```
.text, #text, p{  
    color:rgb(232, 204, 116)  
}
```

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(232, 204, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 204, 116) }
```

Border

The CSS property to change the border of an element to XYZ 58.0240, 61.6025, 25.3553 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(232, 204, 116) }
```


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

```
.border{ border-color:rgb(232, 204, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 204, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 204, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 204, 116);  
box-shadow:4px 4px 4px 4px rgb(232, 204,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0240, 61.6025, 25.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 204, 116) }
```

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

```
.background{ background-color: rgb(232,  
204, 116) }
```

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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