

Converting Colors

XYZ(61.3781, 64.3965, 26.1170)

Have a look what the booklet for
XYZ(61.3781, 64.3965, 26.1170)
contains.

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Color

**XYZ(61.4589, 64.4353,
26.0276)**

Conversions

Conversions Part 1

Format	Color
Hex	F0CF75
RGB	240, 207, 117
RGB Percent	94%, 81%, 46%
CMY	0.0588, 0.1882, 0.5412
CMYK	0.00, 0.14, 0.51, 0.06
HSL	44°, 80%, 70%
HSV	44°, 51%, 94%
XYZ	61.4589, 64.4353, 26.0276
YIQ	206.6070, 48.5580, -20.9940

Conversions

Conversions Part 2

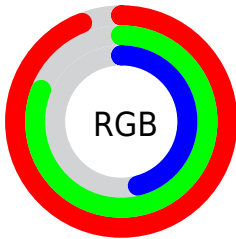
Format	Color
R_{YB}	162, 240, 117
Decimal	15781749
CIE _{Lab}	84.19, 0.50, 48.62
CIE _{LCh}	84, 48.624, 89.405
Yxy	64.4353, 0.4045, 0.4241
Android (android.graphics.Color)	4293971829 (0xFFFF0CF75)
YUV	206.6070, -44.1763, 29.2857
Hunter-Lab	80.2716, -3.8091, 36.9657

Details

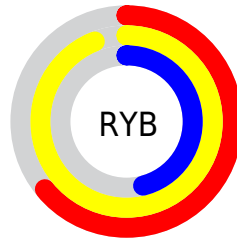
The XYZ color **61.4589, 64.4353, 26.0276** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.9702, 31.8846, 86.8017**, and the grayscale version is **59.3100, 62.3987, 67.9522**.

A 20% lighter version of the original color is **84.3507, 95.7203, 52.5582**, and **31.6660, 33.1209, 9.8783** is the 20% darker color. If you saturate the color by 10%, you get **58.6971, 60.8879, 19.0154**, and if you desaturate by 10%, it is **64.6491, 68.2606, 34.9685**.

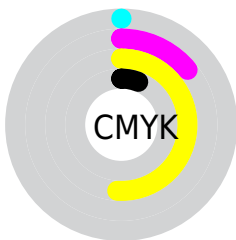
Distribution



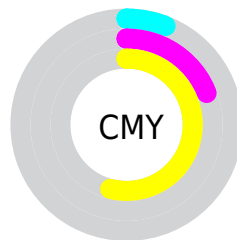
- Red (94%)
- Green (81%)
- Blue (46%)



- Red (64%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (51%)
- Black (6%)



- Cyan (6%)
- Magenta (19%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4589, 64.4353, 26.0276 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 61.4589, 64.4353, 26.0276 by changing the saturation by 10% instead.

61.4589, 64.4353,
26.0276

61.4589, 64.4353,
26.0276

419.7037,
440.7599, 296.5273

44.8496, 47.0033,
16.6183

106.0375,
111.2376, 54.3041

31.5397, 33.0383,
9.8037

134.7374,
141.3767, 74.0084

21.1640, 22.1558,
5.1651

168.1983,
176.5204, 97.9815

13.3571, 13.9714,
2.2840

206.7854,
217.0529, 126.6419

7.7536, 8.1008,
0.7222

250.8641,
263.3587, 160.4081

3.9882, 4.1595,
0.0000

300.7999,

1.6954, 1.7632,

315.8222, 199.6988

0.0000

356.9579,
374.8278, 244.9323

■ 0.4534, 0.4641,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.4589, 64.4353,
26.0276

■ 61.4589, 64.4353,
26.0276

■ 58.6971, 60.8879,
19.0154

■ 64.6491, 68.2606,
34.9685

■ 56.3302, 57.5967,
13.7790


■ 68.2891, 72.3664,
45.9673


■ 54.3264, 54.5500,
10.1488


■ 72.4040, 76.7663,
59.1467


■ 52.6462, 51.7309,
7.9199


■ 77.0160, 81.4702,
74.6184

 51.3862, 49.4275,
6.8321

 82.1452, 86.4874,
92.4867

 86.8294, 91.4340,
107.6799

 88.8179, 95.4108,
108.3427

 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



72.3874, 64.4353, 30.5204



61.4589, 64.4353, 26.0276



51.6383, 64.4353, 30.1686

Triad

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



61.4589, 64.4353, 26.0276



44.9322, 64.4353, 103.4520



80.8319, 64.4353, 104.8387

Complementary

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



61.4589, 64.4353, 26.0276



33.9702, 31.8846, 86.8017

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.



71.9722, 64.4353, 135.4616



61.4589, 64.4353, 26.0276



51.3069, 64.4353, 134.5099

Square

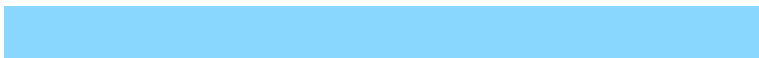
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.4589, 64.4353, 26.0276



42.7999, 64.4353, 69.5456



61.0292, 64.4353, 147.6388



84.3454, 64.4353, 70.7761

Rectangle

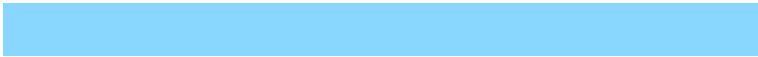
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4589, 64.4353, 26.0276



46.8407, 64.4353, 38.2381



61.0292, 64.4353, 147.6388



78.3328, 64.4353, 116.2020

Sweetspot

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



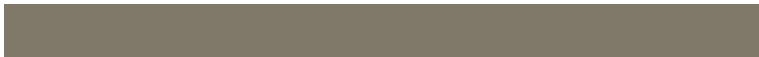
61.4604, 64.4383, 26.0289



86.3056, 91.4042, 78.5693



47.9520, 33.5105, 33.5829



18.2330, 19.3197, 16.0117



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.



61.4604, 64.4383, 26.0289



67.3771, 69.8963, 21.8577



61.9133, 77.8029, 28.5847



16.7434, 17.6999, 16.6837



28.2451, 27.2882, 3.7785



2.4312, 2.4331, 0.3415

Inverse Universe

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



33.9702, 31.8846, 86.8017



32.7956, 28.9996, 98.4767



33.5306, 24.9124, 85.4791



15.2422, 15.9184, 19.9908



9.7186, 5.6615, 45.7084



0.8878, 0.6295, 3.8289

Previews

White Background



This preview shows how the XYZ color 61.4589, 64.4353, 26.0276 looks on a white background.

Color Contrast Check

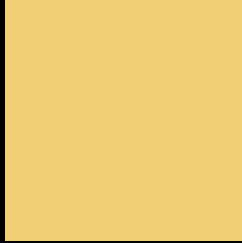
Large Text (above 18pt) WCAG AA × Fail

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 61.4589, 64.4353, 26.0276 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 61.4589, 64.4353, 26.0276

Background



This preview shows how black text looks on a background with the XYZ color 61.4589, 64.4353, 26.0276.



This preview shows how white text looks on a background with the XYZ color 61.4589, 64.4353,

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

61.4589, 64.4353, 26.0276

Protanopia

59.2716, 64.3901, 26.4441

Deuteranopia

65.7018, 64.4633, 27.7187



Tritanopia

70.5647, 64.3227, 70.3244

Trichromacy



Original Color

61.4589, 64.4353, 26.0276

Protanomaly

60.0022, 64.4014, 26.4078

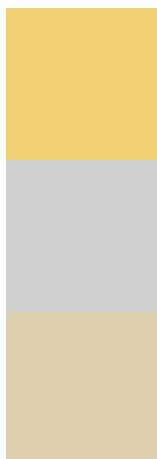
Deuteranomaly

64.2315, 64.4163, 27.1374

Tritanomaly

66.5961, 64.0757, 50.4528

Monochromacy



Original Color

61.4589, 64.4353, 26.0276

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1662, 62.7417, 49.0364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4589, 64.4353, 26.0276 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(240, 207, 117)` looks like.

```
.text, #text, p{  
  color:rgb(240, 207, 117)  
}
```

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(240, 207, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 207, 117) }
```

Border

The CSS property to change the border of an element to XYZ 61.4589, 64.4353, 26.0276 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(240, 207, 117) }
```


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

```
.border{ border-color:rgb(240, 207, 117) }
```

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

Here you see how a box with a 4 pixel rgb(240, 207, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 207, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 207, 117);  
box-shadow:4px 4px 4px 4px rgb(240, 207,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4589, 64.4353, 26.0276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 207, 117) }
```

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

```
.background{ background-color: rgb(240,  
207, 117) }
```

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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