

Converting Colors

XYZ(60.2622, 62.0049, 26.6020)

Have a look what the booklet for
XYZ(60.2622, 62.0049, 26.6020)
contains.

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Color

**XYZ(60.1073, 61.9478,
26.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCA78
RGB	239, 202, 120
RGB Percent	94%, 79%, 47%
CMY	0.0627, 0.2078, 0.5294
CMYK	0.00, 0.15, 0.50, 0.06
HSL	41°, 79%, 70%
HSV	41°, 50%, 94%
XYZ	60.1073, 61.9478, 26.5584
YIQ	203.7150, 48.3740, -17.6580

Conversions

Conversions Part 2

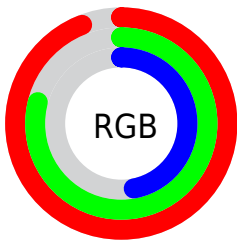
Format	Color
RYB	174, 239, 120
Decimal	15714936
CIELab	82.89, 2.94, 45.53
CIELCh	83, 45.626, 86.303
Yxy	61.9478, 0.4045, 0.4168
Android (android.graphics.Color)	4293905016 (0xFFEFCA78)
YUV	203.7150, -41.2715, 30.9449
Hunter-Lab	78.7069, -1.4193, 35.0884

Details

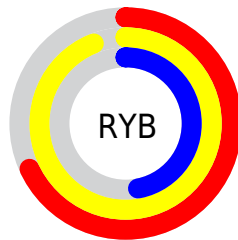
The XYZ color **60.1073, 61.9478, 26.5584** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.3823, 34.3378, 86.4242**, and the grayscale version is **57.4467, 60.4384, 65.8175**.

A 20% lighter version of the original color is **84.6400, 95.8360, 54.0816**, and **30.7201, 31.4332, 10.0783** is the 20% darker color. If you saturate the color by 10%, you get **57.1328, 58.0376, 19.2822**, and if you desaturate by 10%, it is **63.5307, 66.1765, 35.7713**.

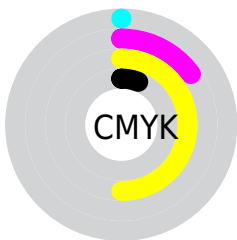
Distribution



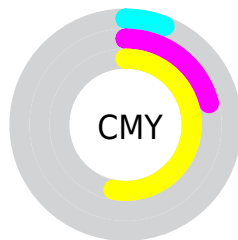
- Red (94%)
- Green (79%)
- Blue (47%)



- Red (68%)
- Yellow (94%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (50%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1073, 61.9478, 26.5584 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 60.1073, 61.9478, 26.5584 by changing the saturation by 10% instead.


 60.1073, 61.9478,
26.5584

 60.1073, 61.9478,
26.5584


414.8216,
431.7407, 299.2048

 43.7549, 44.9905,
17.0123


 104.0908,
107.6501, 55.1695

 30.6750, 31.4500,
10.0812


 132.4526,
137.1639, 75.0717

 20.5021, 20.9417,
5.3465


 165.5482,
171.6320, 99.2629

 12.8709, 13.0814,
2.3897

203.7430,
211.4387, 128.1618

 7.4161, 7.4846,
0.7808

247.4024,
256.9686, 162.1869

 3.7723, 3.7670,
0.0000

296.8918,

 1.5741, 1.5441,

308.6060, 201.7568

0.0000

352.5764,
366.7352, 247.2899

■ 0.3755, 0.3195,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1073, 61.9478,
26.5584

■ 60.1073, 61.9478,
26.5584

■ 57.1328, 58.0376,
19.2822

■ 63.5307, 66.1765,
35.7713

■ 54.5742, 54.4239,
13.7941


■ 67.4243, 70.7272,
47.0473


■ 52.4003, 51.0946,
9.9296


■ 71.8133, 75.6138,
60.5063


■ 50.5727, 48.0324,
7.4920


■ 76.7194, 80.8471,
76.2580


 49.0285, 45.2102,
6.1568

 82.1630, 86.4368,
94.4044

 48.9976, 45.1529,
6.1329

 86.7808, 91.8392,
107.7606

 89.0934, 96.4644,
108.5315

 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.



70.0053, 61.9478, 31.6841



60.1073, 61.9478, 26.5584



50.8922, 61.9478, 29.6204

Triad

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



60.1073, 61.9478, 26.5584



43.5036, 61.9478, 94.4037



76.0533, 61.9478, 102.1757

Complementary

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



60.1073, 61.9478, 26.5584



35.3823, 34.3378, 86.4242

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.



67.6616, 61.9478, 128.5732



60.1073, 61.9478, 26.5584



48.9998, 61.9478, 123.2790

Square

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



60.1073, 61.9478, 26.5584



41.9545, 61.9478, 64.0184



57.6686, 61.9478, 137.2054



79.8357, 61.9478, 71.0033

Rectangle

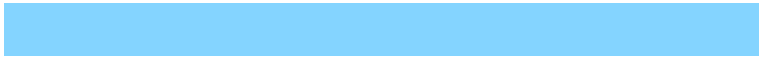
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.1073, 61.9478, 26.5584



46.2397, 61.9478, 36.5302



57.6686, 61.9478, 137.2054



73.6354, 61.9478, 112.2039

Sweetspot

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



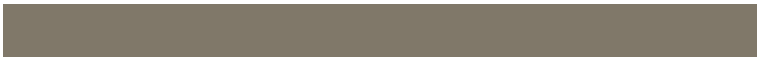
60.1088, 61.9507, 26.5596



85.8151, 90.4232, 78.4058



48.4577, 34.2420, 36.2611



18.1143, 19.0822, 15.9722



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.



60.1088, 61.9507, 26.5596



66.0568, 67.0564, 22.0320



62.9266, 77.8689, 29.4836



16.6842, 17.5816, 16.6640



27.1994, 25.1968, 3.4299



2.3509, 2.2724, 0.3147

Inverse Universe

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



35.3823, 34.3378, 86.4242



34.3664, 31.7187, 98.9188



33.4209, 25.4002, 84.8024



15.2981, 16.0304, 20.0095



10.0768, 6.3778, 45.8278



0.9236, 0.7012, 3.8409

Previews

White Background



This preview shows how the XYZ color 60.1073, 61.9478, 26.5584 looks on a white background.

Color Contrast Check

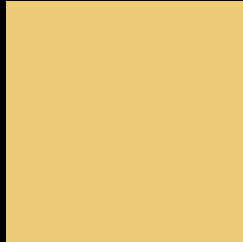
Large Text (above 18pt) WCAG AA × Fail

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 60.1073, 61.9478, 26.5584 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 60.1073, 61.9478, 26.5584

Background



This preview shows how black text looks on a background with the XYZ color 60.1073, 61.9478, 26.5584.



This preview shows how white text looks on a background with the XYZ color 60.1073, 61.9478,

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

60.1073, 61.9478, 26.5584

Protanopia

57.1897, 62.1995, 27.4038

Deuteranopia

63.2011, 61.8222, 26.6910



Tritanopia

68.4699, 61.9784, 67.3858

Trichromacy



Original Color

60.1073, 61.9478, 26.5584

Protanomaly

58.2375, 62.0320, 26.9931

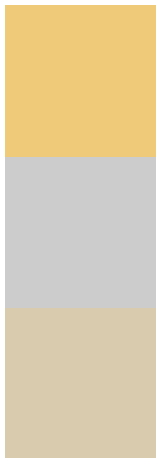
Deuteranomaly

62.2324, 62.0015, 26.7766

Tritanomaly

64.7860, 61.8081, 49.0730

Monochromacy



Original Color

60.1073, 61.9478, 26.5584

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5140, 60.4807, 48.1778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1073, 61.9478, 26.5584 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, 202, 120)` looks like.

```
.text, #text, p{  
    color:rgb(239, 202, 120)  
}
```

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, 202, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 202, 120) }
```

Border

The CSS property to change the border of an element to XYZ 60.1073, 61.9478, 26.5584 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, 202, 120) }
```


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

```
.border{ border-color:rgb(239, 202, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 202, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 202, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 202, 120);  
box-shadow:4px 4px 4px 4px rgb(239, 202,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1073, 61.9478, 26.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 202, 120) }
```

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

```
.background{ background-color: rgb(239,  
202, 120) }
```

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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