

Converting Colors

XYZ(60.5989, 65.7911, 27.5942)

Have a look what the booklet for
XYZ(60.5989, 65.7911, 27.5942)
contains.

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Color

**XYZ(60.5989, 65.7911,
27.5942)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D479
RGB	233, 212, 121
RGB Percent	91%, 83%, 47%
CMY	0.0863, 0.1686, 0.5255
CMYK	0.00, 0.09, 0.48, 0.09
HSL	49°, 72%, 69%
HSV	49°, 48%, 91%
XYZ	60.5989, 65.7911, 27.5942
YIQ	207.9050, 41.7270, -23.8490

Conversions

Conversions Part 2

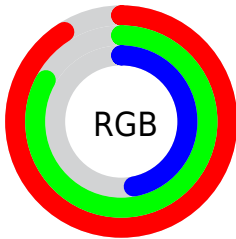
Format	Color
RYB	147, 233, 121
Decimal	15324281
CIELab	84.89, -4.53, 47.38
CIELCh	85, 47.598, 95.460
Yxy	65.7911, 0.3935, 0.4273
Android (android.graphics.Color)	4293514361 (0xFFE9D479)
YUV	207.9050, -42.8442, 22.0083
Hunter-Lab	81.1117, -8.5874, 36.6077

Details

The XYZ color **60.5989, 65.7911, 27.5942** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.2658, 29.2931, 81.0439**, and the grayscale version is **60.1440, 63.2762, 68.9078**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **31.0115, 34.0099, 10.7244** is the 20% darker color. If you saturate the color by 10%, you get **58.2626, 63.1356, 20.5974**, and if you desaturate by 10%, it is **63.3130, 68.6499, 36.4207**.

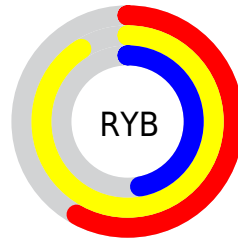
Distribution



Red (91%)

Green (83%)

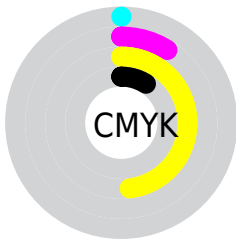
Blue (47%)



Red (58%)

Yellow (91%)

Blue (47%)

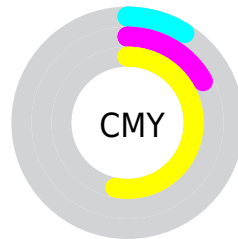


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5989, 65.7911, 27.5942 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 60.5989, 65.7911, 27.5942 by changing the saturation by 10% instead.

60.5989, 65.7911,
27.5942

60.5989, 65.7911,
27.5942

416.6012,
445.6294, 304.3734

44.1529, 48.1028,
17.7836

104.7994,
113.1865, 56.8512

30.9891, 33.9083,
10.6269

133.2845,
143.6623, 77.1347

20.7423, 22.8232,
5.7056

166.5134,
179.1696, 101.7462

13.0472, 14.4630,
2.6010

204.8513,
220.0925, 131.1043

7.5383, 8.4434,
0.8930

248.6637,
266.8156, 165.6275

3.8502, 4.3800,
0.0000

298.3160,

1.6178, 1.8883,

319.7231, 205.7345

0.0000

354.1733,
379.1996, 251.8436

■ 0.4039, 0.5413,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5989, 65.7911,
27.5942

■ 60.5989, 65.7911,
27.5942

■ 58.2626, 63.1356,
20.5974

■ 63.3130, 68.6499,
36.4207

■ 56.2738, 60.6635,
15.2932


■ 66.4232, 71.7122,
47.1929


■ 54.6052, 58.3661,
11.5316


■ 69.9519, 74.9900,
60.0216


■ 53.2227, 56.2292,
9.1345


■ 73.9188, 78.4914,
75.0083


 52.0788, 54.2336,
7.8526


 78.3420, 82.2240,
92.2478

 51.8717, 53.8587,
7.6618

 82.2901, 85.8155,
106.8346

 83.5787, 88.3927,
107.2642

 84.8983, 91.0320,
107.7041

 86.2493, 93.7339,
108.1544

Harmonies

Analogous

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



71.4540, 65.7911, 30.3521



60.5989, 65.7911, 27.5942



51.3607, 65.7911, 33.6195

Triad

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



60.5989, 65.7911, 27.5942



47.2545, 65.7911, 111.4530



83.1325, 65.7911, 98.9396

Complementary

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



60.5989, 65.7911, 27.5942



32.2658, 29.2931, 81.0439

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.



75.2170, 65.7911, 131.0024



60.5989, 65.7911, 27.5942



54.3863, 65.7911, 139.5498

Square

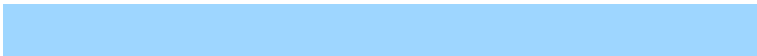
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5989, 65.7911, 27.5942



44.2386, 65.7911, 77.3780



64.5067, 65.7911, 147.5676



85.2805, 65.7911, 66.1841

Rectangle

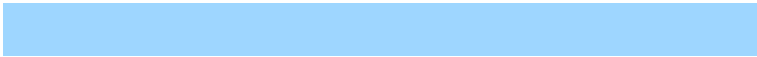
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5989, 65.7911, 27.5942



47.0977, 65.7911, 43.1990



64.5067, 65.7911, 147.5676



81.0172, 65.7911, 110.4171

Sweetspot

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



60.6005, 65.7942, 27.5955



87.7280, 93.7148, 80.6901



45.4302, 32.9943, 30.1206



18.5568, 19.8621, 16.4437



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.



60.6005, 65.7942, 27.5955



71.4440, 77.4134, 25.1143



56.2497, 71.8550, 28.9947



16.0980, 17.1190, 15.9746



29.5191, 30.7324, 4.3761



2.3799, 2.5371, 0.3643

Inverse Universe

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



32.2658, 29.2931, 81.0439



32.7647, 27.6306, 98.2141



34.9868, 26.4877, 80.3590



14.4596, 15.0057, 19.0565



8.9158, 4.4787, 44.1375



0.7643, 0.4800, 3.4872

Previews

White Background



This preview shows how the XYZ color 60.5989, 65.7911, 27.5942 looks on a white background.

Color Contrast Check

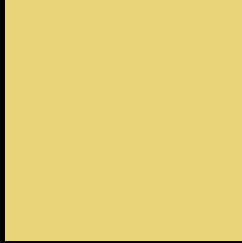
Large Text (above 18pt) WCAG AA × Fail

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 60.5989, 65.7911, 27.5942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

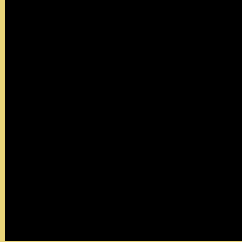
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5989, 65.7911, 27.5942

Background



This preview shows how black text looks on a background with the XYZ color 60.5989, 65.7911, 27.5942.



This preview shows how white text looks on a background with the XYZ color 60.5989, 65.7911,

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

60.5989, 65.7911, 27.5942

Protanopia

60.5989, 65.7911, 27.5942

Deuteranopia

66.7608, 65.6378, 30.9805



Tritanopia

70.3732, 65.8377, 74.6445

Trichromacy



Original Color

60.5989, 65.7911, 27.5942

Protanomaly

60.5989, 65.7911, 27.5942

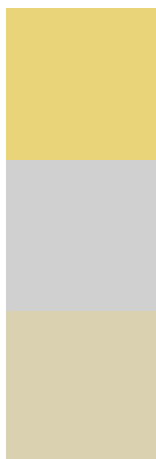
Deuteranomaly

64.3254, 65.4753, 29.6698

Tritanomaly

65.8714, 65.3908, 53.4059

Monochromacy



Original Color

60.5989, 65.7911, 27.5942

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2522, 63.4872, 50.2056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5989, 65.7911, 27.5942 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(233, 212, 121)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 121)  
}
```

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(233, 212, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 121) }
```

Border

The CSS property to change the border of an element to XYZ 60.5989, 65.7911, 27.5942 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(233, 212, 121) }
```


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

```
.border{ border-color:rgb(233, 212, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 212, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 121);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5989, 65.7911, 27.5942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 121) }
```

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

```
.background{ background-color: rgb(233,  
212, 121) }
```

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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