

Converting Colors

XYZ(60.3578, 62.1279, 27.0969)

Have a look what the booklet for
XYZ(60.3578, 62.1279, 27.0969)
contains.

XYZ(60.2300, 61.9969, 27.2045) 3
 ***Conversions* 4**
 ***Details* 6**
 ***Harmonies* 12**
 ***Previews* 24**
 ***Color Blindness Simulation* 28**
 ***CSS Examples* 31**

Color

**XYZ(60.2300, 61.9969,
27.2045)**

Conversions

Conversions Part 1

Format	Color
Hex	EBCA7A
RGB	239, 202, 122
RGB Percent	94%, 79%, 48%
CMY	0.0627, 0.2078, 0.5216
CMYK	0.00, 0.15, 0.49, 0.06
HSL	41°, 79%, 71%
HSV	41°, 49%, 94%
XYZ	60.2300, 61.9969, 27.2045
YIQ	203.9430, 47.7320, -17.0360

Conversions

Conversions Part 2

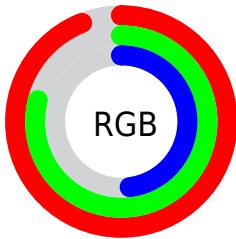
Format	Color
RYB	176, 239, 122
Decimal	15714938
CIELab	82.91, 3.12, 44.57
CIElCh	83, 44.680, 85.994
Yxy	61.9969, 0.4031, 0.4149
Android (android.graphics.Color)	4293905018 (0xFFEFC7A)
YUV	203.9430, -40.3979, 30.7450
Hunter-Lab	78.7381, -1.2497, 34.6316

Details

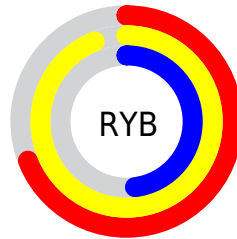
The XYZ color **60.2300, 61.9969, 27.2045** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.0038, 35.1646, 86.5510**, and the grayscale version is **57.5859, 60.5849, 65.9769**.

A 20% lighter version of the original color is **84.8365, 95.9146, 55.1163**, and **30.7833, 31.4585, 10.4109** is the 20% darker color. If you saturate the color by 10%, you get **57.1979, 58.0183, 19.7646**, and if you desaturate by 10%, it is **63.7161, 66.3007, 36.5934**.

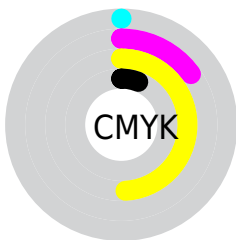
Distribution



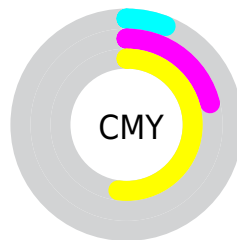
- Red (94%)
- Green (79%)
- Blue (48%)



- Red (69%)
- Yellow (94%)
- Blue (48%)



- Cyan (0%)
- Magenta (15%)
- Yellow (49%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2300, 61.9969, 27.2045 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 60.2300, 61.9969, 27.2045 by changing the saturation by 10% instead.

60.2300, 61.9969,
27.2045

60.2300, 61.9969,
27.2045

415.2662,
431.9198, 302.4374

43.8542, 45.0302,
17.4931

104.2677,
107.7211, 56.2196

30.7533, 31.4812,
10.4210

132.6603,
137.2473, 76.3603

20.5620, 20.9656,
5.5697

165.7892,
171.7288, 100.8145

12.9148, 13.0988,
2.5207

204.0199,
211.5500, 130.0008

7.4465, 7.4966,
0.8511

247.7175,
257.0954, 164.3377

3.7917, 3.7746,
0.0000

297.2475,

1.5850, 1.5483,

308.7492, 204.2437

0.0000

352.9753,
366.8958, 250.1374

■ 0.3826, 0.3224,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.2300, 61.9969,
27.2045

■ 60.2300, 61.9969,
27.2045

■ 57.1979, 58.0183,
19.7646

■ 63.7161, 66.3007,
36.5934

■ 54.5869, 54.3428,
14.1265


■ 67.6774, 70.9331,
48.0567


■ 52.3662, 50.9583,
10.1279


■ 72.1387, 75.9084,
61.7135


■ 50.4979, 47.8478,
7.5751


■ 77.1220, 81.2369,
77.6727


 48.9253, 44.9864,
6.1765

 82.6475, 86.9288,
96.0359

 48.7702, 44.6980,
6.0571

 87.0138, 92.3053,
107.8383

 89.3762, 97.0301,
108.6258

 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.



69.9066, 61.9969, 32.3821



60.2300, 61.9969, 27.2045



51.1740, 61.9969, 30.1633

Triad

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



60.2300, 61.9969, 27.2045



43.7936, 61.9969, 93.5298



75.6566, 61.9969, 101.7383

Complementary

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



60.2300, 61.9969, 27.2045



36.0038, 35.1646, 86.5510

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.



67.4242, 61.9969, 127.3058



60.2300, 61.9969, 27.2045



49.1604, 61.9969, 121.7310

Square

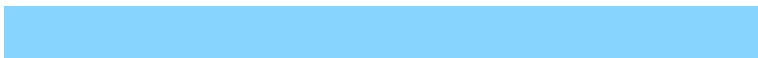
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.2300, 61.9969, 27.2045



42.3102, 61.9969, 63.8647



57.6413, 61.9969, 135.4690



79.4062, 61.9969, 71.2791

Rectangle

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



60.2300, 61.9969, 27.2045



46.5803, 61.9969, 36.9457



57.6413, 61.9969, 135.4690



73.2809, 61.9969, 111.4809

Sweetspot

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



60.2315, 61.9998, 27.2057



85.7542, 90.3015, 78.3855



48.8188, 34.7753, 36.9636



18.0996, 19.0528, 15.9673



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.



60.2315, 61.9998, 27.2057



66.1836, 67.1045, 22.7079



63.1586, 77.9743, 30.1349



16.6769, 17.5669, 16.6615



27.0746, 24.9472, 3.3883



2.3412, 2.2531, 0.3115

Inverse Universe

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



36.0038, 35.1646, 86.5510



35.0709, 32.6919, 99.0695



33.9459, 26.0317, 84.8967



15.3051, 16.0444, 20.0118



10.1256, 6.4754, 45.8441



0.9283, 0.7107, 3.8425

Previews

White Background



This preview shows how the XYZ color 60.2300, 61.9969, 27.2045 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 60.2300, 61.9969, 27.2045 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 60.2300, 61.9969, 27.2045

Background



This preview shows how black text looks on a background with the XYZ color 60.2300, 61.9969, 27.2045.



This preview shows how white text looks on a background with the XYZ color 60.2300, 61.9969,

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

60.2300, 61.9969, 27.2045

Protanopia

57.3149, 62.2496, 28.0633

Deuteranopia

63.3251, 61.8718, 27.3438



Tritanopia

68.4699, 61.9784, 67.3858

Trichromacy



Original Color

60.2300, 61.9969, 27.2045

Protanomaly

58.3615, 62.0816, 27.6459

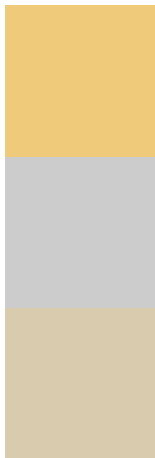
Deuteranomaly

62.3563, 62.0511, 27.4294

Tritanomaly

64.8846, 61.8475, 49.5923

Monochromacy



Original Color

60.2300, 61.9969, 27.2045

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6112, 60.5196, 48.6894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2300, 61.9969, 27.2045 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(239, 202, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 202, 122) }
```

Border

The CSS property to change the border of an element to XYZ 60.2300, 61.9969, 27.2045 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, 122) }
```


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

```
.border{ border-color:rgb(239, 202, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 202, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 202, 122); box-shadow:4px 4px 4px 4px rgb(239, 202, 122) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2300, 61.9969, 27.2045 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, 122) }
```

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

```
.background{ background-color: rgb(239,  
202, 122) }
```

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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