

Converting Colors

XYZ(56.2327, 60.7449, 25.0748)

Have a look what the booklet for
XYZ(56.2327, 60.7449, 25.0748)
contains.

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Color

**XYZ(56.0514, 60.5923,
24.9609)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CC73
RGB	226, 204, 115
RGB Percent	89%, 80%, 45%
CMY	0.1137, 0.2000, 0.5490
CMYK	0.00, 0.10, 0.49, 0.11
HSL	48°, 66%, 67%
HSV	48°, 49%, 89%
XYZ	56.0514, 60.5923, 24.9609
YIQ	200.4320, 41.6810, -23.0150

Conversions

Conversions Part 2

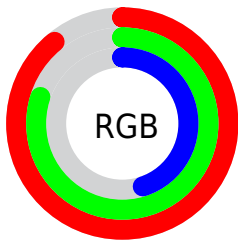
Format	Color
RYB	142, 226, 115
Decimal	14863475
CIELab	82.16, -3.80, 46.84
CIElCh	82, 46.990, 94.644
Yxy	60.5923, 0.3958, 0.4279
Android (android.graphics.Color)	4293053555 (0xFFE2CC73)
YUV	200.4320, -42.1180, 22.4231
Hunter-Lab	77.8411, -7.6885, 35.4765

Details

The XYZ color **56.0514, 60.5923, 24.9609** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.7431, 27.0262, 75.6002**, and the grayscale version is **55.4013, 58.2865, 63.4740**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **28.1939, 30.6179, 9.2743** is the 20% darker color. If you saturate the color by 10%, you get **53.8584, 58.0387, 18.5817**, and if you desaturate by 10%, it is **58.5967, 63.3403, 33.0317**.

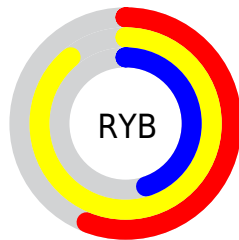
Distribution



Red (89%)

Green (80%)

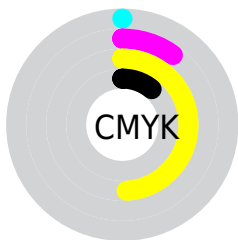
Blue (45%)



Red (56%)

Yellow (89%)

Blue (45%)

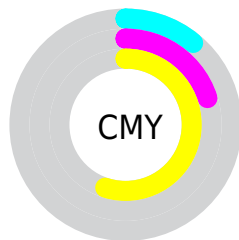


Cyan (0%)

Magenta (10%)

Yellow (49%)

Black (11%)



Cyan (11%)

Magenta (20%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0514, 60.5923, 24.9609 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 56.0514, 60.5923, 24.9609 by changing the saturation by 10% instead.

■ 56.0514, 60.5923,
24.9609

■ 56.0514, 60.5923,
24.9609

399.9571,
426.7775, 291.0846

■ 40.4813, 43.8962,
15.8292

■ 98.2191, 105.6884,
52.5571

■ 28.0999, 30.5889,
9.2503

■ 125.5474,
134.8572, 71.8587

■ 18.5418, 20.2860,
4.8058

■ 157.5258,
168.9524, 95.3873

■ 11.4417, 12.6031,
2.0770

194.5197,
208.3583, 123.5615

■ 6.4342, 7.1558,
0.6020

236.8944,
253.4594, 156.7997

■ 3.1540, 3.5598,
0.0000

285.0153,

■ 1.2357, 1.4305,

304.6400, 195.5207

0.0000

339.2477,
362.2846, 240.1428

■ 0.1343, 0.2390,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.0514, 60.5923,
24.9609

■ 56.0514, 60.5923,
24.9609

■ 53.8584, 58.0387,
18.5817

■ 58.5967, 63.3403,
33.0317

■ 51.9895, 55.6609,
13.7652


■ 61.5115, 66.2833,
42.9026


■ 50.4186, 53.4506,
10.3705


■ 64.8171, 69.4324,
54.6775

■ 49.1138, 51.3944,
8.2289


■ 68.5316, 72.7951,
68.4514


 48.0242, 49.4717,
7.0754

 72.6721, 76.3788,
84.3128

 47.9323, 49.3054,
6.9906

 77.2547, 80.1903,
102.3449

 79.2233, 83.0075,
106.4543

 80.5242, 85.6093,
106.8879

 81.8576, 88.2761,
107.3324

Harmonies

Analogous

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



66.2053, 60.5923, 27.7324



56.0514, 60.5923, 24.9609



47.3572, 60.5923, 30.3050

Triad

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



56.0514, 60.5923, 24.9609



43.2034, 60.5923, 102.4054



76.7295, 60.5923, 92.4170

Complementary

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



56.0514, 60.5923, 24.9609



29.7431, 27.0262, 75.6002

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.



69.2026, 60.5923, 122.2987



56.0514, 60.5923, 24.9609



49.7586, 60.5923, 129.1369

Square

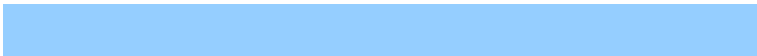
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.0514, 60.5923, 24.9609



40.5048, 60.5923, 70.5252



59.1589, 60.5923, 137.3047



78.9117, 60.5923, 61.6243

Rectangle

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



56.0514, 60.5923, 24.9609



43.3163, 60.5923, 39.0109



59.1589, 60.5923, 137.3047



74.7010, 60.5923, 103.1564

Sweetspot

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



56.0529, 60.5951, 24.9621



87.1215, 93.0360, 78.8412



42.0248, 30.2427, 27.3654



18.4309, 19.7154, 16.0777



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.



56.0529, 60.5951, 24.9621



70.7430, 76.2233, 24.2277



52.2070, 66.9285, 26.3873



14.6290, 15.5439, 14.5360



27.4308, 28.2995, 4.0166



1.9609, 2.0806, 0.2982

Inverse Universe

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



29.7431, 27.0262, 75.6002



32.3981, 27.3463, 98.1785



32.1258, 24.0771, 74.9054



13.1709, 13.6808, 17.3342



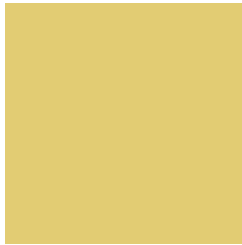
8.4286, 4.3267, 41.4393



0.6470, 0.4255, 2.8933

Previews

White Background



This preview shows how the XYZ color 56.0514, 60.5923, 24.9609 looks on a white background.

Color Contrast Check

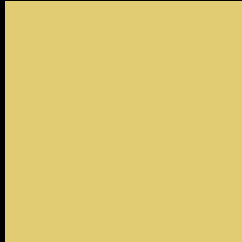
Large Text (above 18pt) WCAG AA × Fail

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 56.0514, 60.5923, 24.9609 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 56.0514, 60.5923, 24.9609

Background



This preview shows how black text looks on a background with the XYZ color 56.0514, 60.5923, 24.9609.



This preview shows how white text looks on a background with the XYZ color 56.0514, 60.5923,

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

56.0514, 60.5923, 24.9609

Protanopia

55.9772, 60.9080, 25.0258

Deuteranopia

61.7929, 60.4543, 25.2416



Tritanopia

64.7161, 60.3562, 67.9135

Trichromacy



Original Color

56.0514, 60.5923, 24.9609

Protanomaly

55.9772, 60.9080, 25.0258

Deuteranomaly

59.6221, 60.3499, 25.0293

Tritanomaly

60.8849, 60.1443, 48.4444

Monochromacy



Original Color

56.0514, 60.5923, 24.9609

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.3426, 58.1932, 45.9044

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0514, 60.5923, 24.9609 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(226, 204, 115)` looks like.

```
.text, #text, p{  
    color:rgb(226, 204, 115)  
}
```

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(226, 204, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 204, 115) }
```

Border

The CSS property to change the border of an element to XYZ 56.0514, 60.5923, 24.9609 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(226, 204, 115) }
```


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

```
.border{ border-color:rgb(226, 204, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 204, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 204, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 204, 115); box-shadow:4px 4px 4px 4px rgb(226, 204, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0514, 60.5923, 24.9609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 204, 115) }
```

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

```
.background{ background-color: rgb(226,  
204, 115) }
```

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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