

Converting Colors

XYZ(57.3080, 66.5950, 26.2032)

Have a look what the booklet for
XYZ(57.3080, 66.5950, 26.2032)
contains.

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Color

**XYZ(57.3395, 66.8063,
26.0924)**

Conversions

Conversions Part 1

Format	Color
Hex	DADB73
RGB	218, 219, 115
RGB Percent	85%, 86%, 45%
CMY	0.1451, 0.1412, 0.5490
CMYK	0.00, 0.00, 0.47, 0.14
HSL	61°, 59%, 65%
HSV	61°, 47%, 86%
XYZ	57.3395, 66.8063, 26.0924
YIQ	206.8450, 32.7880, -32.5560

Conversions

Conversions Part 2

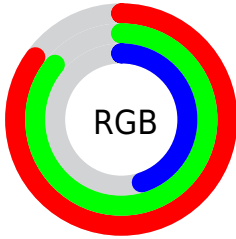
Format	Color
R _Y B	115, 219, 116
Decimal	14343027
CIE Lab	85.41, -14.61, 50.61
CIE LCh	85, 52.679, 106.105
Yxy	66.8063, 0.3817, 0.4447
Android (android.graphics.Color)	4292533107 (0xFFDADB73)
YUV	206.8450, -45.2796, 9.7829
Hunter-Lab	81.7351, -17.8137, 38.2874

Details

The XYZ color **57.3395, 66.8063, 26.0924** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.1216, 21.0905, 69.7160**, and the grayscale version is **59.4774, 62.5749, 68.1440**.

A 20% lighter version of the original color is **84.1614, 95.6446, 51.5616**, and **28.8706, 34.4869, 9.8376** is the 20% darker color. If you saturate the color by 10%, you get **56.1634, 66.3310, 20.2227**, and if you desaturate by 10%, it is **58.8183, 67.4075, 33.5415**.

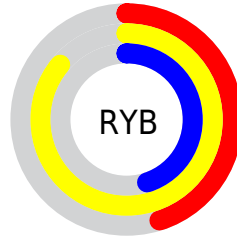
Distribution



Red (85%)

Green (86%)

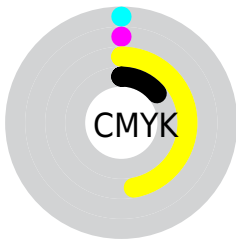
Blue (45%)



Red (45%)

Yellow (86%)

Blue (45%)

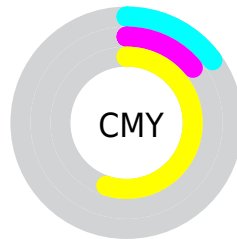


Cyan (0%)

Magenta (0%)

Yellow (47%)

Black (14%)



Cyan (15%)

Magenta (14%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3395, 66.8063, 26.0924 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 57.3395, 66.8063, 26.0924 by changing the saturation by 10% instead.

■ 57.3395, 66.8063,
26.0924

■ 57.3395, 66.8063,
26.0924

404.7139,
449.2550, 296.8553

■ 41.5191, 48.9272,
16.6664

■ 100.0889,
114.6428, 54.4099

■ 28.9144, 34.5618,
9.8375

■ 127.7486,
145.3690, 74.1384

■ 19.1600, 23.3255,
5.1871

■ 160.0854,
181.1465, 98.1383

■ 11.8906, 14.8340,
2.2968

197.4647,
222.3594, 126.8279

■ 6.7409, 8.7030,
0.7294

240.2518,
269.3924, 160.6259

■ 3.3455, 4.5480,
0.0000

288.8122,

■ 1.3390, 1.9846,

322.6297, 199.9507

0.0000

343.5111,
382.4558, 245.2210

■ 0.2121, 0.5985,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3395, 66.8063,
26.0924

■ 57.3395, 66.8063,
26.0924

■ 56.1634, 66.3310,
20.2227

■ 58.8183, 67.4075,
33.5415

■ 55.2637, 65.9638,
15.8148


■ 60.6143, 68.1333,
42.6681


■ 54.6175, 65.6980,
12.7415


■ 62.7471, 68.9937,
53.5673


■ 54.1962, 65.5222,
10.8520


■ 65.2330, 69.9955,
66.3258


 53.9608, 65.4208,
9.9414


 68.0875, 71.1446,
81.0248

 53.9149, 65.4006,
9.7820

 71.3250, 72.4470,
97.7405

 72.7419, 73.0211,
104.8683

 72.8059, 73.0541,
104.8713

 72.8699, 73.0871,
104.8743

Harmonies

Analogous

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



69.1719, 66.8063, 25.7625



57.3395, 66.8063, 26.0924



48.3488, 66.8063, 36.0134

Triad

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



57.3395, 66.8063, 26.0924



48.8726, 66.8063, 131.1525



88.4927, 66.8063, 89.7006

Complementary

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



57.3395, 66.8063, 26.0924



26.1216, 21.0905, 69.7160

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.



81.5196, 66.8063, 128.5148



57.3395, 66.8063, 26.0924



58.1421, 66.8063, 157.0550

Square

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



57.3395, 66.8063, 26.0924



43.8957, 66.8063, 92.5462



70.0811, 66.8063, 155.9614



88.2071, 66.8063, 55.9839

Rectangle

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



57.3395, 66.8063, 26.0924



44.7351, 66.8063, 49.2257



70.0811, 66.8063, 155.9614



86.8856, 66.8063, 102.7567

Sweetspot

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



57.3411, 66.8094, 26.0938



89.6988, 97.8449, 81.3834



38.4409, 28.5609, 19.7072



19.0422, 20.8795, 16.6145



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.



57.3411, 66.8094, 26.0938



79.2801, 93.6325, 28.5465



44.3650, 60.1199, 25.4865



14.1491, 15.2571, 13.9248



31.9728, 38.7801, 5.8002



2.0755, 2.5145, 0.3760

Inverse Universe

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



26.1216, 21.0905, 69.7160



30.1508, 21.6796, 97.2032



34.8553, 25.5928, 70.1247



12.3503, 12.6232, 16.4377



7.6026, 3.0435, 39.9251



0.4967, 0.1993, 2.5867

Previews

White Background



This preview shows how the XYZ color 57.3395, 66.8063, 26.0924 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 57.3395, 66.8063, 26.0924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

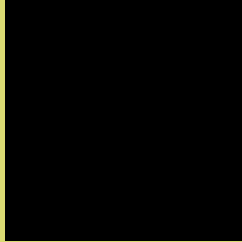
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3395, 66.8063, 26.0924

Background



This preview shows how black text looks on a background with the XYZ color 57.3395, 66.8063, 26.0924.



This preview shows how white text looks on a background with the XYZ color 57.3395, 66.8063,

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

57.3395, 66.8063, 26.0924

Protanopia

61.0358, 66.4429, 25.2306

Deuteranopia

67.4445, 66.6719, 32.2359



Tritanopia

68.2652, 66.7764, 79.1032

Trichromacy



Original Color

57.3395, 66.8063, 26.0924

Protanomaly

59.6508, 66.4738, 25.6064

Deuteranomaly

63.5608, 66.5289, 29.9134

Tritanomaly

63.3100, 66.2180, 54.7920

Monochromacy



Original Color

57.3395, 66.8063, 26.0924

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.7982, 63.4934, 49.2536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3395, 66.8063, 26.0924 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(218, 219, 115)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 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(218, 219, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 115) }
```

Border

The CSS property to change the border of an element to XYZ 57.3395, 66.8063, 26.0924 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(218, 219, 115) }
```


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

```
.border{ border-color:rgb(218, 219, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 115);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3395, 66.8063, 26.0924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 115) }
```

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

```
.background{ background-color: rgb(218,  
219, 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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