

Converting Colors

XYZ(56.1173, 62.0184, 26.0849)

Have a look what the booklet for
XYZ(56.1173, 62.0184, 26.0849)
contains.

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Color

**XYZ(56.2573, 62.1077,
26.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD076
RGB	223, 208, 118
RGB Percent	87%, 82%, 46%
CMY	0.1255, 0.1843, 0.5372
CMYK	0.00, 0.07, 0.47, 0.13
HSL	51°, 62%, 67%
HSV	51°, 47%, 87%
XYZ	56.2573, 62.1077, 26.1625
YIQ	202.2250, 37.8300, -24.8100

Conversions

Conversions Part 2

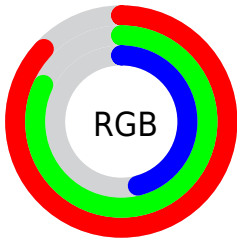
Format	Color
RYB	136, 223, 118
Decimal	14667894
CIELab	82.97, -6.79, 46.30
CIELCh	83, 46.797, 98.343
Yxy	62.1077, 0.3892, 0.4297
Android (android.graphics.Color)	4292857974 (0xFFDFD076)
YUV	202.2250, -41.5229, 18.2197
Hunter-Lab	78.8084, -10.4928, 35.4831

Details

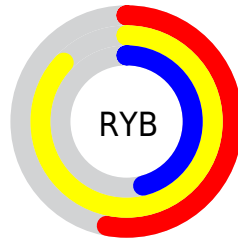
The XYZ color **56.2573, 62.1077, 26.1625** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.1779, 25.9536, 73.2835**, and the grayscale version is **56.5155, 59.4587, 64.7506**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **28.2946, 31.6234, 9.9228** is the 20% darker color. If you saturate the color by 10%, you get **54.3176, 60.1042, 19.7331**, and if you desaturate by 10%, it is **58.5289, 64.2735, 34.2493**.

Distribution



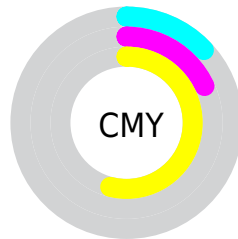
- Red (87%)
- Green (82%)
- Blue (46%)



- Red (53%)
- Yellow (87%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (47%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2573, 62.1077, 26.1625 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 56.2573, 62.1077, 26.1625 by changing the saturation by 10% instead.

■ 56.2573, 62.1077,
26.1625

■ 56.2573, 62.1077,
26.1625

400.7198,
432.3238, 297.2097

■ 40.6471, 45.1197,
16.7184

■ 98.5183, 107.8812,
54.5243

■ 28.2299, 31.5517,
9.8741

■ 125.8998,
137.4355, 74.2790

■ 18.6403, 21.0193,
5.2110

■ 157.9357,
171.9473, 98.3078

■ 11.5132, 13.1381,
2.3107

194.9915,
211.8011, 127.0290

■ 6.4829, 7.5237,
0.7372

237.4324,
257.3813, 160.8612

■ 3.1843, 3.7917,
0.0000

285.6239,

■ 1.2520, 1.5578,

309.0722, 200.2231

0.0000

339.9312,
367.2582, 245.5331

■ 0.1468, 0.3289,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2573, 62.1077,
26.1625

■ 56.2573, 62.1077,
26.1625

■ 54.3176, 60.1042,
19.7331

■ 58.5289, 64.2735,
34.2493

■ 52.6827, 58.2451,
14.8393


■ 61.1482, 66.6011,
44.0964


■ 51.3288, 56.5231,
11.3486


■ 64.1353, 69.1012,
55.8026


■ 50.2258, 54.9260,
9.1042


■ 67.5075, 71.7806,
69.4585

 49.3349, 53.4380,
7.9011


 71.2809, 74.6460,
85.1484

 49.0959, 53.0170,
7.6457

 75.4707, 77.7036,
102.9521

 76.8610, 79.6672,
105.9340

 77.7569, 81.4590,
106.2327

 78.6690, 83.2833,
106.5367

Harmonies

Analogous

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



66.4951, 62.1077, 27.9754



56.2573, 62.1077, 26.1625



47.7813, 62.1077, 32.7011

Triad

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



56.2573, 62.1077, 26.1625



45.0682, 62.1077, 108.3453



78.9903, 62.1077, 90.3056

Complementary

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



56.2573, 62.1077, 26.1625



29.1779, 25.9536, 73.2835

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.



71.9220, 62.1077, 121.3200



56.2573, 62.1077, 26.1625



52.1484, 62.1077, 133.6339

Square

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



56.2573, 62.1077, 26.1625



41.8211, 62.1077, 76.0232



61.8954, 62.1077, 138.9605



80.4143, 62.1077, 59.8688

Rectangle

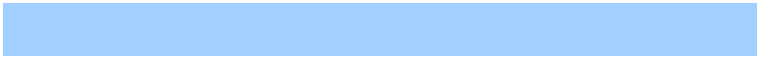
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.2573, 62.1077, 26.1625



43.9913, 62.1077, 42.4259



61.8954, 62.1077, 138.9605



77.1598, 62.1077, 101.2291

Sweetspot

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



56.2588, 62.1106, 26.1638



88.2209, 94.7006, 80.8544



41.1959, 30.3598, 26.1525



18.6780, 20.1044, 16.4841



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.



56.2588, 62.1106, 26.1638



73.5277, 81.3626, 26.4814



49.9685, 64.5538, 26.9669



14.6962, 15.6784, 14.5584



28.9315, 31.3008, 4.5168



2.0517, 2.2622, 0.3285

Inverse Universe

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



29.1779, 25.9536, 73.2835



32.4737, 26.5862, 98.0278



33.2680, 25.2292, 72.9281



13.1092, 13.5575, 17.3136



8.1819, 3.8333, 41.3570



0.6179, 0.3673, 2.8836

Previews

White Background



This preview shows how the XYZ color 56.2573, 62.1077, 26.1625 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 56.2573, 62.1077, 26.1625 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 56.2573, 62.1077, 26.1625

Background



This preview shows how black text looks on a background with the XYZ color 56.2573, 62.1077, 26.1625.



This preview shows how white text looks on a background with the XYZ color 56.2573, 62.1077,

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

56.2573, 62.1077, 26.1625

Protanopia

57.2614, 62.2645, 26.1398

Deuteranopia

63.2011, 61.8222, 26.6910



Tritanopia

65.4542, 62.0096, 70.8066

Trichromacy



Original Color

56.2573, 62.1077, 26.1625

Protanomaly

56.9469, 62.1024, 26.1251

Deuteranomaly

60.5524, 61.8301, 26.5123

Tritanomaly

61.2356, 61.6457, 50.7908

Monochromacy



Original Color

56.2573, 62.1077, 26.1625

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5219, 59.8276, 47.1496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2573, 62.1077, 26.1625 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(223, 208, 118)` looks like.

```
.text, #text, p{  
    color:rgb(223, 208, 118)  
}
```

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(223, 208, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 208, 118) }
```

Border

The CSS property to change the border of an element to XYZ 56.2573, 62.1077, 26.1625 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(223, 208, 118) }
```


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

```
.border{ border-color:rgb(223, 208, 118) }
```

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

Here you see how a box with a 4 pixel rgb(223, 208, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 208, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 208, 118);  
box-shadow:4px 4px 4px 4px rgb(223, 208,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2573, 62.1077, 26.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 208, 118) }
```

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

```
.background{ background-color: rgb(223,  
208, 118) }
```

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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