

Converting Colors

XYZ(56.5086, 62.1629, 30.5133)

Have a look what the booklet for
XYZ(56.5086, 62.1629, 30.5133)
contains.

XYZ(56.4714, 62.1226, 30.4872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.4714, 62.1226,
30.4872)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD083
RGB	221, 208, 131
RGB Percent	87%, 82%, 51%
CMY	0.1333, 0.1843, 0.4863
CMYK	0.00, 0.06, 0.41, 0.13
HSL	51°, 57%, 69%
HSV	51°, 41%, 87%
XYZ	56.4714, 62.1226, 30.4872
YIQ	203.1090, 32.4650, -21.1910

Conversions

Conversions Part 2

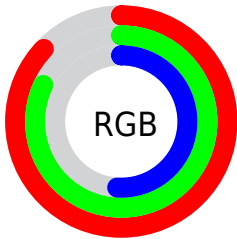
Format	Color
R _{YB}	146, 221, 131
Decimal	14536835
CIE Lab	82.98, -6.29, 39.81
CIE LCh	83, 40.304, 98.982
Yxy	62.1226, 0.3788, 0.4167
Android (android.graphics.Color)	4292726915 (0xFFDDD083)
YUV	203.1090, -35.5497, 15.6904
Hunter-Lab	78.8179, -10.0397, 32.2388

Details

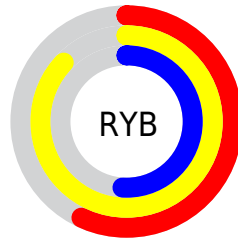
The XYZ color **56.4714, 62.1226, 30.4872** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **32.3843, 29.9913, 72.4886**, and the grayscale version is **57.0366, 60.0070, 65.3476**.

A 20% lighter version of the original color is **85.7570, 96.2828, 59.9635**, and **28.3134, 31.5829, 12.1932** is the 20% darker color. If you saturate the color by 10%, you get **54.3609, 60.0483, 23.1658**, and if you desaturate by 10%, it is **58.9201, 64.3617, 39.4989**.

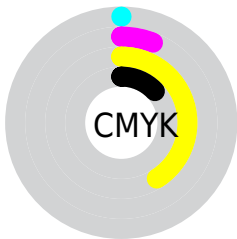
Distribution



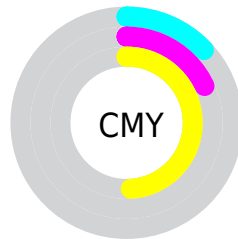
- Red (87%)
- Green (82%)
- Blue (51%)



- Red (57%)
- Yellow (87%)
- Blue (51%)



- Cyan (0%)
- Magenta (6%)
- Yellow (41%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4714, 62.1226, 30.4872 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 56.4714, 62.1226, 30.4872 by changing the saturation by 10% instead.

■ 56.4714, 62.1226,
30.4872

■ 56.4714, 62.1226,
30.4872

401.5119,
432.3782, 318.4466

■ 40.8195, 45.1318,
19.9535

■ 98.8293, 107.9027,
61.5019

■ 28.3651, 31.5612,
12.1775

■ 126.2660,
137.4608, 82.8200

■ 18.7429, 21.0266,
6.7407

■ 158.3616,
171.9767, 108.5699

■ 11.5876, 13.1434,
3.2245

195.4816,
211.8349, 139.1703

■ 6.5337, 7.5274,
1.2104

237.9913,
257.4197, 175.0396

■ 3.2159, 3.7941,
0.0000

286.2560,

■ 1.2690, 1.5590,

309.1156, 216.5963

0.0000

340.6411,
367.3070, 264.2592

■ 0.1598, 0.3297,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4714, 62.1226,
30.4872

■ 56.4714, 62.1226,
30.4872

■ 54.3609, 60.0483,
23.1658

■ 58.9201, 64.3617,
39.4989

■ 52.5634, 58.1219,
17.4228


■ 61.7213, 66.7647,
50.2955


■ 51.0575, 56.3368,
13.1390


■ 64.8937, 69.3416,
62.9691


■ 49.8170, 54.6826,
10.1766


■ 68.4535, 72.0989,
77.6044

 48.8105, 53.1463,
8.3712


 72.4160, 75.0429,
94.2809

 48.0360, 51.8066,
7.4679

 75.3792, 77.6129,
105.6156

 76.2608, 79.3762,
105.9095

 77.1587, 81.1720,
106.2088

 78.0730, 83.0005,
106.5136

Harmonies

Analogous

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



65.2533, 62.1226, 32.0419



56.4714, 62.1226, 30.4872



49.1318, 62.1226, 36.8072

Triad

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



56.4714, 62.1226, 30.4872



46.9692, 62.1226, 102.4911



76.0846, 62.1226, 86.3273

Complementary

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



56.4714, 62.1226, 30.4872



32.3843, 29.9913, 72.4886

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.



70.2108, 62.1226, 112.1541



56.4714, 62.1226, 30.4872



53.2448, 62.1226, 122.9659

Square

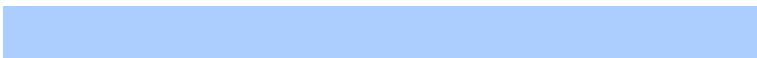
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.4714, 62.1226, 30.4872



44.0110, 62.1226, 75.4026



61.6970, 62.1226, 126.8809



77.1651, 62.1226, 60.4311

Rectangle

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



56.4714, 62.1226, 30.4872



45.8341, 62.1226, 45.8281



61.6970, 62.1226, 126.8809



74.5795, 62.1226, 95.4651

Sweetspot

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



56.4729, 62.1255, 30.4885



89.1156, 95.3970, 84.5223



43.0079, 33.6343, 30.8124



18.9463, 20.3164, 17.5750



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.



56.4729, 62.1255, 30.4885



75.5450, 83.4179, 33.2563



51.0640, 64.2346, 31.1807



13.9937, 14.9267, 13.8692



27.9693, 30.2241, 4.3597



1.8567, 2.0475, 0.2974

Inverse Universe

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



32.3843, 29.9913, 72.4886



37.8677, 33.1780, 99.0159



36.1701, 29.1876, 72.1340



12.4896, 12.9190, 16.4875



7.9300, 3.7294, 40.0403



0.5631, 0.3403, 2.6105

Previews

White Background



This preview shows how the XYZ color 56.4714, 62.1226, 30.4872 looks on a white background.

Color Contrast Check

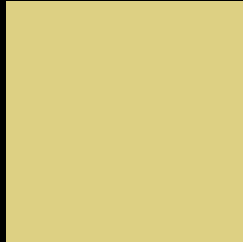
Large Text (above 18pt) WCAG AA × Fail

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 56.4714, 62.1226, 30.4872 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 56.4714, 62.1226, 30.4872

Background



This preview shows how black text looks on a background with the XYZ color 56.4714, 62.1226, 30.4872.



This preview shows how white text looks on a background with the XYZ color 56.4714, 62.1226,

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

56.4714, 62.1226, 30.4872

Protanopia

57.3934, 62.2449, 30.1086

Deuteranopia

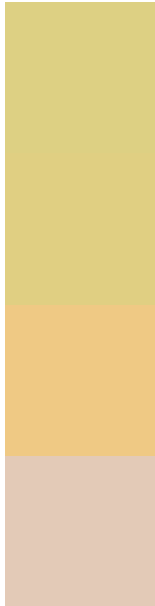
63.2668, 61.7657, 30.7778



Tritanopia

64.8375, 62.0153, 71.5036

Trichromacy



Original Color

56.4714, 62.1226, 30.4872

Protanomaly

57.0826, 62.0846, 30.0941

Deuteranomaly

60.6481, 61.7900, 30.5599

Tritanomaly

61.3463, 61.9909, 53.5319

Monochromacy



Original Color

56.4714, 62.1226, 30.4872

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3455, 60.5386, 50.3104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4714, 62.1226, 30.4872 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(221, 208, 131)` looks like.

```
.text, #text, p{  
    color:rgb(221, 208, 131)  
}
```

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(221, 208, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 208, 131) }
```

Border

The CSS property to change the border of an element to XYZ 56.4714, 62.1226, 30.4872 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(221, 208, 131) }
```


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

```
.border{ border-color:rgb(221, 208, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 208, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 208, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 208, 131);  
box-shadow:4px 4px 4px 4px rgb(221, 208,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4714, 62.1226, 30.4872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 208, 131) }
```

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

```
.background{ background-color: rgb(221,  
208, 131) }
```

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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