

Converting Colors

XYZ(56.4310, 62.8518, 19.0103)

Have a look what the booklet for
XYZ(56.4310, 62.8518, 19.0103)
contains.

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Color

**XYZ(56.3673, 62.6872,
19.0265)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D15B
RGB	227, 209, 91
RGB Percent	89%, 82%, 36%
CMY	0.1098, 0.1804, 0.6431
CMYK	0.00, 0.08, 0.60, 0.11
HSL	52°, 71%, 62%
HSV	52°, 60%, 89%
XYZ	56.3673, 62.6872, 19.0265
YIQ	200.9300, 48.6060, -32.8820

Conversions

Conversions Part 2

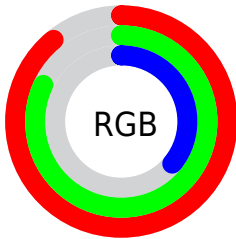
Format	Color
RYB	112, 227, 91
Decimal	14930267
CIELab	83.28, -7.84, 59.35
CIELCh	83, 59.870, 97.524
Yxy	62.6872, 0.4082, 0.4540
Android (android.graphics.Color)	4293120347 (0xFFE3D15B)
YUV	200.9300, -54.1955, 22.8634
Hunter-Lab	79.1752, -11.4770, 41.1748

Details

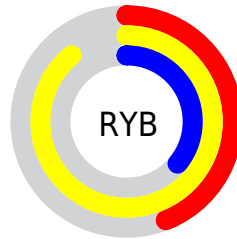
The XYZ color **56.3673, 62.6872, 19.0265** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **23.6480, 18.7068, 75.0369**, and the grayscale version is **55.7796, 58.6845, 63.9074**.

A 20% lighter version of the original color is **82.1108, 94.8243, 40.7633**, and **28.3869, 31.9991, 6.2704** is the 20% darker color. If you saturate the color by 10%, you get **54.8030, 60.8959, 14.3832**, and if you desaturate by 10%, it is **58.2446, 64.6307, 25.2364**.

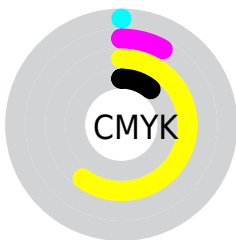
Distribution



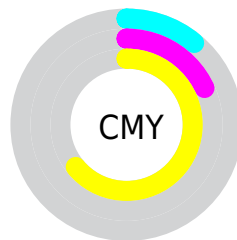
- Red (89%)
- Green (82%)
- Blue (36%)



- Red (44%)
- Yellow (89%)
- Blue (36%)



- Cyan (0%)
- Magenta (8%)
- Yellow (60%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3673, 62.6872, 19.0265 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 56.3673, 62.6872, 19.0265 by changing the saturation by 10% instead.

■ 56.3673, 62.6872,
19.0265

■ 56.3673, 62.6872,
19.0265

401.1269,
434.4334, 259.0226

■ 40.7356, 45.5882,
11.5124

■ 98.6781, 108.7181,
42.6162

■ 28.2993, 31.9210,
6.2941

■ 126.0880,
138.4188, 59.5288

■ 18.6930, 21.3012,
2.9531

■ 158.1546,
173.0889, 80.4115

■ 11.5514, 13.3443,
1.0707

■ 195.2434,
213.1127, 105.6826

■ 6.5090, 7.6661,
0.0000

237.7196,
258.8747, 135.7607

■ 3.2006, 3.8820,
0.0000

285.9487,

■ 1.2607, 1.6078,

310.7592, 171.0644

0.0000

340.2960,
369.1506, 212.0122

■ 0.1535, 0.3628,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3673, 62.6872,
19.0265

■ 56.3673, 62.6872,
19.0265

■ 54.8030, 60.8959,
14.3832

■ 58.2446, 64.6307,
25.2364

■ 53.5195, 59.2366,
11.1570


■ 60.4547, 66.7273,
33.1365


■ 52.4854, 57.6991,
9.1763


■ 63.0209, 68.9888,
42.8425

■ 51.6441, 56.2605,
8.1433


■ 65.9631, 71.4232,
54.4588


 51.6368, 56.2478,
8.1354

 69.2996, 74.0382,
68.0819

 73.0477, 76.8405,
83.8017

 77.2234, 79.8368,
101.7026

 78.8765, 81.8472,
106.2486

 79.7341, 83.5625,
106.5345

Harmonies

Analogous

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



69.6633, 62.6872, 21.1600



56.3673, 62.6872, 19.0265



45.6112, 62.6872, 25.7530

Triad

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



56.3673, 62.6872, 19.0265



41.8678, 62.6872, 121.8338



85.8071, 62.6872, 99.4607

Complementary

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



56.3673, 62.6872, 19.0265



23.6480, 18.7068, 75.0369

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.



76.1496, 62.6872, 142.2729



56.3673, 62.6872, 19.0265



50.5240, 62.6872, 158.1312

Square

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



56.3673, 62.6872, 19.0265



38.0693, 62.6872, 78.0701



62.9173, 62.6872, 166.7281



87.9730, 62.6872, 59.3004

Rectangle

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



56.3673, 62.6872, 19.0265



40.8771, 62.6872, 36.5692



62.9173, 62.6872, 166.7281



83.2677, 62.6872, 114.3872

Sweetspot

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



56.3688, 62.6901, 19.0278



86.6142, 93.5748, 73.8832



38.1873, 24.9206, 17.3039



18.2820, 19.8224, 14.7800



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.



56.3688, 62.6901, 19.0278



70.8847, 78.7090, 17.4851



47.5194, 65.0560, 19.9508



15.4304, 16.4748, 15.2711



30.1770, 32.9282, 4.7653



2.2754, 2.5240, 0.3673

Inverse Universe

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



23.6480, 18.7068, 75.0369



24.8327, 16.8843, 96.5579



28.5686, 18.6800, 74.7723



13.7358, 14.1930, 18.1599



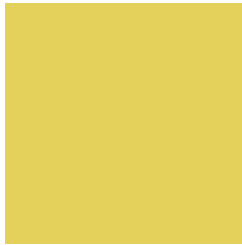
8.4050, 3.8720, 42.6876



0.6708, 0.3855, 3.1710

Previews

White Background



This preview shows how the XYZ color 56.3673, 62.6872, 19.0265 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 56.3673, 62.6872, 19.0265 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 56.3673, 62.6872, 19.0265

Background



This preview shows how black text looks on a background with the XYZ color 56.3673, 62.6872, 19.0265.



This preview shows how white text looks on a background with the XYZ color 56.3673, 62.6872,

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

56.3673, 62.6872, 19.0265

Protanopia

57.3992, 62.8560, 19.0047

Deuteranopia

63.7830, 62.5878, 21.0308



Tritanopia

66.8835, 62.4105, 70.8086

Trichromacy



Original Color

56.3673, 62.6872, 19.0265

Protanomaly

57.0773, 62.6901, 18.9896

Deuteranomaly

60.9344, 62.5166, 20.1646

Tritanomaly

61.8862, 62.0929, 45.7692

Monochromacy



Original Color

56.3673, 62.6872, 19.0265

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.6042, 59.4606, 42.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3673, 62.6872, 19.0265 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(227, 209, 91)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 91)  
}
```

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(227, 209, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 91) }
```

Border

The CSS property to change the border of an element to XYZ 56.3673, 62.6872, 19.0265 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(227, 209, 91) }
```


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

```
.border{ border-color:rgb(227, 209, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 91);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3673, 62.6872, 19.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 91) }
```

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

```
.background{ background-color: rgb(227,  
209, 91) }
```

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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