

Converting Colors

XYZ(47.9143, 56.5400, 8.3880)

Have a look what the booklet for
XYZ(47.9143, 56.5400, 8.3880)
contains.

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Color

**XYZ(47.9343, 56.4135,
8.3625)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CB00
RGB	210, 203, 0
RGB Percent	82%, 80%, 0%
CMY	0.1765, 0.2039, 0.9999
CMYK	0.00, 0.03, 1.00, 0.18
HSL	58°, 100%, 41%
HSV	58°, 100%, 82%
XYZ	47.9343, 56.4135, 8.3625
YIQ	181.9510, 69.3350, -61.6490

Conversions

Conversions Part 2

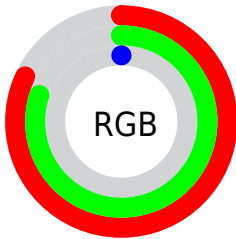
Format	Color
RYB	7, 210, 0
Decimal	13814528
CIELab	79.85, -15.15, 80.24
CIELCh	80, 81.660, 100.692
Yxy	56.4135, 0.4253, 0.5005
Android (android.graphics.Color)	4292004608 (0xFFD2CB00)
YUV	181.9510, -89.7018, 24.5990
Hunter-Lab	75.1089, -17.5224, 45.9750

Details

The XYZ color **47.9343, 56.4135, 8.3625** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **11.7093, 4.8056, 61.2828**, and the grayscale version is **44.8864, 47.2240, 51.4269**.

A 20% lighter version of the original color is **78.6397, 93.4359, 22.4845**, and **23.5099, 28.0742, 4.1798** is the 20% darker color. If you saturate the color by 10%, you get **47.9352, 56.4157, 8.3629**, and if you desaturate by 10%, it is **48.2366, 56.8015, 9.1321**.

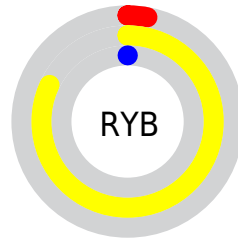
Distribution



Red (82%)

Green (80%)

Blue (0%)



Red (3%)

Yellow (82%)

Blue (0%)

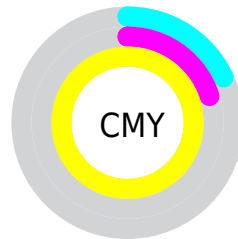


Cyan (0%)

Magenta (3%)

Yellow (100%)

Black (18%)



Cyan (18%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.9343, 56.4135, 8.3625 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 47.9343, 56.4135, 8.3625 by changing the saturation by 10% instead.

47.9343, 56.4135,
8.3625

47.9343, 56.4135,
8.3625

369.1186,
411.2480, 188.5878

33.9859, 40.5345,
4.2367

86.3169, 99.6089,
23.2239

23.0456, 27.9556,
1.7561

111.4817,
127.6941, 34.7965

14.7481, 18.2922,
0.3987

141.1161,
160.6169, 49.6885

8.7279, 11.1600,
0.0000

175.5854,
198.7617, 68.3184

4.6198, 6.1745,
0.0000

215.2550,
242.5127, 91.1047

2.0584, 2.9515,
0.0000

260.4901,

0.6665, 1.1065,

292.2546, 118.4661

0.0000

311.6562,
348.3715, 150.8209

■ 0.0000, 0.0000,
0.0000

■ 47.9343, 56.4135,
8.3625

■ 47.9343, 56.4135,
8.3625

■ 47.9352, 56.4157,
8.3629

■ 48.2366, 56.8015,
9.1321

■ 48.6857, 57.2472,
10.6766

■ 49.3323, 57.7731,
13.2575

■ 50.2034, 58.3901,
17.0169

■ 51.3218, 59.1071,
22.0750

■ 52.7075, 59.9323,
28.5370

■ 54.3785, 60.8728,
36.4973

■ 56.3510, 61.9351,
46.0422

■ 58.6404, 63.1253,
57.2516

Harmonies

Analogous

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



64.8343, 56.4135, 9.3350



47.9343, 56.4135, 8.3625



35.4462, 56.4135, 15.0198

Triad

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



47.9343, 56.4135, 8.3625



32.9442, 56.4135, 141.9746



89.5711, 56.4135, 96.7203

Complementary

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



47.9343, 56.4135, 8.3625



11.7093, 4.8056, 61.2828

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.



77.1354, 56.4135, 159.5665



47.9343, 56.4135, 8.3625



43.7785, 56.4135, 193.6668

Square

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



47.9343, 56.4135, 8.3625



28.0519, 56.4135, 79.9142



59.7370, 56.4135, 201.3806



91.3231, 56.4135, 46.0327

Rectangle

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



47.9343, 56.4135, 8.3625



30.3984, 56.4135, 26.7636



59.7370, 56.4135, 201.3806



86.3974, 56.4135, 117.6494

Sweetspot

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



47.9356, 56.4162, 8.3636



84.2787, 94.3995, 56.1621



26.6169, 13.7175, 1.4466



17.7920, 20.0680, 10.8388



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.



47.9356, 56.4162, 8.3636



74.3501, 87.4802, 12.9667



29.7301, 49.5384, 7.9956



12.7683, 13.7272, 12.5887



29.2554, 34.4438, 5.1064



1.6466, 1.9475, 0.2891

Inverse Universe

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



11.7093, 4.8056, 61.2828



18.1422, 7.4044, 95.0807



16.6714, 7.2510, 61.4932



11.1948, 11.4799, 14.8695



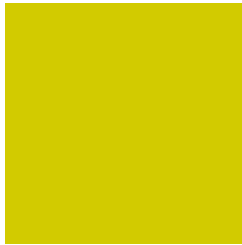
7.1567, 2.9600, 37.3866



0.4115, 0.1882, 2.0942

Previews

White Background



This preview shows how the XYZ color 47.9343, 56.4135, 8.3625 looks on a white background.

Color Contrast Check

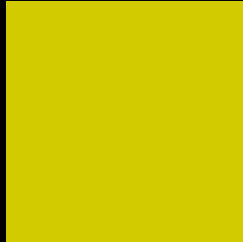
Large Text (above 18pt) WCAG AA × Fail

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 47.9343, 56.4135, 8.3625 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 47.9343, 56.4135, 8.3625

Background



This preview shows how black text looks on a background with the XYZ color 47.9343, 56.4135, 8.3625.



This preview shows how white text looks on a background with the XYZ color 47.9343, 56.4135,

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

47.9343, 56.4135, 8.3625

Protanopia

50.6255, 56.0761, 8.1555

Deuteranopia

57.6293, 56.3791, 9.0073



Tritanopia

59.4085, 56.3950, 64.2541

Trichromacy



Original Color

47.9343, 56.4135, 8.3625

Protanomaly

49.5677, 56.2140, 8.2379

Deuteranomaly

53.4401, 55.8458, 8.5350

Tritanomaly

52.1677, 55.0740, 28.6497

Monochromacy



Original Color

47.9343, 56.4135, 8.3625

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.3041, 49.2943, 23.7554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9343, 56.4135, 8.3625 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(210, 203, 0)` looks like.

```
.text, #text, p{  
    color:rgb(210, 203, 0)  
}
```

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(210, 203, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 203, 0) }
```

Border

The CSS property to change the border of an element to XYZ 47.9343, 56.4135, 8.3625 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(210, 203, 0) }
```


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

```
.border{ border-color:rgb(210, 203, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 203, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 203, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 203, 0);  
box-shadow:4px 4px 4px 4px rgb(210, 203,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9343, 56.4135, 8.3625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 203, 0) }
```

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

```
.background{ background-color: rgb(210,  
203, 0) }
```

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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