

Converting Colors

XYZ(50.7472, 56.0139, 29.2562)

Have a look what the booklet for
XYZ(50.7472, 56.0139, 29.2562)
contains.

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Color

**XYZ(50.7472, 56.0139,
29.2562)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C782
RGB	209, 199, 130
RGB Percent	82%, 78%, 51%
CMY	0.1804, 0.2196, 0.4902
CMYK	0.00, 0.05, 0.38, 0.18
HSL	52°, 46%, 66%
HSV	52°, 38%, 82%
XYZ	50.7472, 56.0139, 29.2562
YIQ	194.1240, 28.1090, -19.3390

Conversions

Conversions Part 2

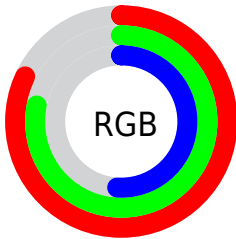
Format	Color
RYB	141, 209, 130
Decimal	13748098
CIELab	79.62, -6.53, 35.81
CIElCh	80, 36.399, 100.342
Yxy	56.0139, 0.3731, 0.4118
Android (android.graphics.Color)	4291938178 (0xFFD1C782)
YUV	194.1240, -31.6131, 13.0463
Hunter-Lab	74.8424, -9.9417, 29.2130

Details

The XYZ color **50.7472, 56.0139, 29.2562** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0924, 28.1046, 64.1603**, and the grayscale version is **51.5225, 54.2057, 59.0300**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **24.6736, 27.5876, 11.4216** is the 20% darker color. If you saturate the color by 10%, you get **48.8818, 54.3047, 22.4023**, and if you desaturate by 10%, it is **52.9109, 57.8633, 37.6165**.

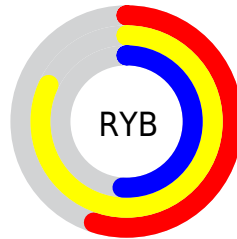
Distribution



Red (82%)

Green (78%)

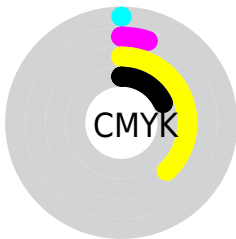
Blue (51%)



Red (55%)

Yellow (82%)

Blue (51%)

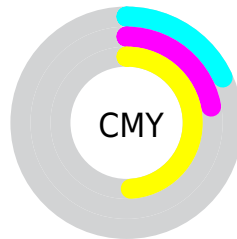


Cyan (0%)

Magenta (5%)

Yellow (38%)

Black (18%)



Cyan (18%)

Magenta (22%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7472, 56.0139, 29.2562 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 50.7472, 56.0139, 29.2562 by changing the saturation by 10% instead.

■ 50.7472, 56.0139,
29.2562

■ 50.7472, 56.0139,
29.2562

379.9847,
409.7439, 312.5205

■ 36.2277, 40.2141,
19.0275

■ 90.4662, 99.0249,
59.5309

■ 24.7810, 27.7055,
11.5131

■ 116.3964,
127.0049, 80.4140

■ 16.0418, 18.1038,
6.2946

■ 146.8609,
159.8136, 105.6856

■ 9.6448, 11.0245,
2.9534

182.2249,
197.8357, 135.7643

■ 5.2245, 6.0833,
1.0709

222.8540,
241.4553, 171.0686

■ 2.4157, 2.8958,
0.0000

269.1134,

■ 0.8529, 1.0776,

291.0570, 212.0170

0.0000

321.3685,
347.0250, 259.0282

■ 0.0000, 0.0000,
0.0000

■ 50.7472, 56.0139,
29.2562

■ 50.7472, 56.0139,
29.2562

■ 48.8818, 54.3047,
22.4023

■ 52.9109, 57.8633,
37.6165

■ 47.2932, 52.7210,
16.9600

■ 55.3847, 59.8518,
47.5636

■ 45.9634, 51.2577,
12.8290


■ 58.1847, 61.9879,
59.1762


■ 44.8706, 49.9057,
9.8944


■ 61.3249, 64.2772,
72.5268


■ 43.9890, 48.6548,
8.0212

■ 64.8181, 66.7250,
87.6836


 43.2822, 47.4904,
7.0175

 68.6120, 69.3103,
104.3697

 43.1370, 47.2403,
6.8447

 69.2902, 70.6668,
104.5958

 69.9794, 72.0452,
104.8255

 70.6796, 73.4455,
105.0589

Harmonies

Analogous

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



58.1269, 56.0139, 30.3091



50.7472, 56.0139, 29.2562



44.6206, 56.0139, 35.0906

Triad

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



50.7472, 56.0139, 29.2562



43.1961, 56.0139, 91.0557



67.6579, 56.0139, 75.6132

Complementary

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



50.7472, 56.0139, 29.2562



30.0924, 28.1046, 64.1603

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.



62.9025, 56.0139, 97.2510



50.7472, 56.0139, 29.2562



48.6341, 56.0139, 107.4890

Square

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



50.7472, 56.0139, 29.2562



40.5342, 56.0139, 68.5331



55.8122, 56.0139, 109.9855



68.3559, 56.0139, 54.0210

Rectangle

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



50.7472, 56.0139, 29.2562



41.8988, 56.0139, 43.1051



55.8122, 56.0139, 109.9855



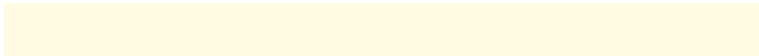
66.4616, 56.0139, 83.2415

Sweetspot

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



50.7486, 56.0165, 29.2574



89.7365, 96.0799, 86.4525



39.0506, 31.4304, 29.0268



19.0769, 20.4660, 17.9622



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.



50.7486, 56.0165, 29.2574



77.2944, 85.7654, 37.3882



45.6602, 56.9201, 29.7000



12.6705, 13.5317, 12.5561



26.6473, 29.2276, 4.2370



1.5265, 1.7073, 0.2491

Inverse Universe

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



30.0924, 28.1046, 64.1603



40.5901, 36.1826, 99.4524



33.7833, 27.9369, 63.9334



11.2825, 11.6553, 14.8987



7.3694, 3.3855, 37.4575



0.4528, 0.2708, 2.1080

Previews

White Background



This preview shows how the XYZ color 50.7472, 56.0139, 29.2562 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 50.7472, 56.0139, 29.2562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

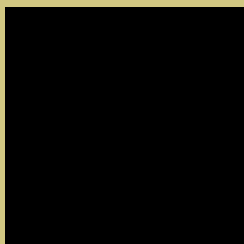
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

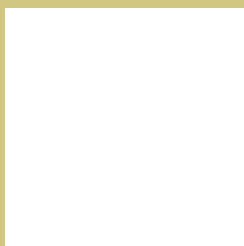
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7472, 56.0139, 29.2562

Background



This preview shows how black text looks on a background with the XYZ color 50.7472, 56.0139, 29.2562.



This preview shows how white text looks on a background with the XYZ color 50.7472, 56.0139,

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

50.7472, 56.0139, 29.2562

Protanopia

51.6603, 55.8136, 28.8192

Deuteranopia

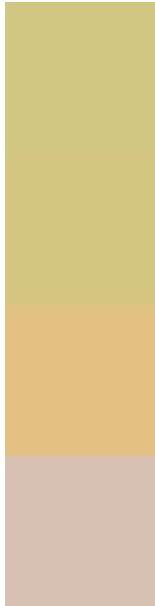
56.9545, 55.8940, 29.6166



Tritanopia

58.0482, 55.9864, 65.5046

Trichromacy



Original Color

50.7472, 56.0139, 29.2562

Protanomaly

51.3079, 55.9702, 28.8680

Deuteranomaly

54.5307, 55.9474, 29.3976

Tritanomaly

54.8374, 55.6504, 49.9708

Monochromacy



Original Color

50.7472, 56.0139, 29.2562

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.6438, 54.5622, 46.3904

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7472, 56.0139, 29.2562 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(209, 199, 130)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 130)  
}
```

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(209, 199, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 130) }
```

Border

The CSS property to change the border of an element to XYZ 50.7472, 56.0139, 29.2562 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(209, 199, 130) }
```


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

```
.border{ border-color:rgb(209, 199, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 130);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7472, 56.0139, 29.2562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 130) }
```

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

```
.background{ background-color: rgb(209,  
199, 130) }
```

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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