

Converting Colors

XYZ(50.5475, 56.1170, 46.5244)

Have a look what the booklet for
XYZ(50.5475, 56.1170, 46.5244)
contains.

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Color

**XYZ(50.7430, 56.3157,
46.7236)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C9AB
RGB	195, 201, 171
RGB Percent	76%, 79%, 67%
CMY	0.2353, 0.2117, 0.3294
CMYK	0.03, 0.00, 0.15, 0.21
HSL	72°, 22%, 73%
HSV	72°, 15%, 79%
XYZ	50.7430, 56.3157, 46.7236
YIQ	195.7860, 6.0540, -10.6020

Conversions

Conversions Part 2

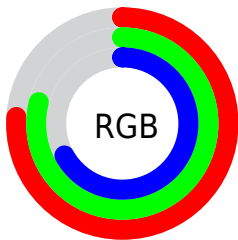
Format	Color
RYB	171, 201, 177
Decimal	12831147
CIELab	79.79, -7.28, 14.31
CIELCh	80, 16.055, 116.984
Yxy	56.3157, 0.3300, 0.3662
Android (android.graphics.Color)	4291021227 (0xFFC3C9AB)
YUV	195.7860, -12.2195, -0.6893
Hunter-Lab	75.0438, -10.6288, 15.6156

Details

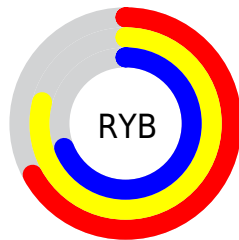
The XYZ color **50.7430, 56.3157, 46.7236** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.2392, 42.6915, 61.2228**, and the grayscale version is **52.4108, 55.1402, 60.0477**.

A 20% lighter version of the original color is **89.6324, 97.7064, 86.0866**, and **24.7480, 27.8621, 21.5263** is the 20% darker color. If you saturate the color by 10%, you get **47.9461, 55.0803, 37.3406**, and if you desaturate by 10%, it is **53.8624, 57.6870, 57.6450**.

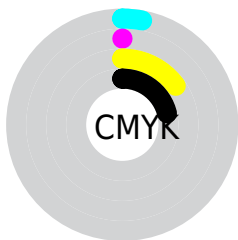
Distribution



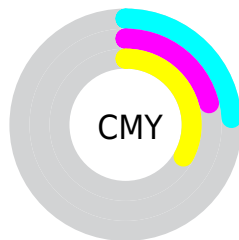
- Red (76%)
- Green (79%)
- Blue (67%)



- Red (67%)
- Yellow (79%)
- Blue (69%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.7430, 56.3157, 46.7236 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 50.7430, 56.3157, 46.7236 by changing the saturation by 10% instead.

■ 50.7430, 56.3157,
46.7236

■ 50.7430, 56.3157,
46.7236

379.9686,
410.8802, 390.0719

■ 36.2243, 40.4561,
32.4644

■ 90.4600, 99.4660,
86.6466

■ 24.7784, 27.8943,
21.4487

116.3891,
127.5255, 113.1474

■ 16.0399, 18.2460,
13.2580

146.8523,
160.4204, 144.5659

■ 9.6434, 11.1268,
7.4736

182.2151,
198.5352, 181.3206

■ 5.2236, 6.1522,
3.6771

222.8428,
242.2541, 223.8300

■ 2.4152, 2.9378,
1.4499

269.1006,

■ 0.8527, 1.0994,

291.9617, 272.5127

0.1802

321.3541,
348.0422, 327.7871

■ 0.0000, 0.0000,
0.0000

■ 50.7430, 56.3157,
46.7236

■ 50.7430, 56.3157,
46.7236

■ 47.9461, 55.0803,
37.3406

■ 53.8624, 57.6870,
57.6450

■ 45.4537, 53.9681,
29.4231

■ 57.3122, 59.1919,
70.1657

■ 43.2531, 52.9758,
22.8981

■ 61.1057, 60.8375,
84.3481

■ 41.3286, 52.0971,
17.6847

■ 65.2541, 62.6285,
100.2499

■ 39.6632, 51.3252,
13.6936

■ 66.9955, 63.4599,
103.3257

■ 38.2375, 50.6522,
10.8244

■ 68.1921, 64.0768,
103.3817

■ 37.0292, 50.0693,
8.9610

■ 69.4181, 64.7088,
103.4391

■ 36.0112, 49.5656,
7.9620

■ 70.6735, 65.3560,
103.4978

■ 35.5414, 49.3298,
7.6484

■ 71.9586, 66.0185,
103.5580

Harmonies

Analogous

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



53.8556, 56.3157, 45.1385



50.7430, 56.3157, 46.7236



48.4597, 56.3157, 52.0818

Triad

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



50.7430, 56.3157, 46.7236



50.1958, 56.3157, 77.5679



60.0068, 56.3157, 62.2639

Complementary

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



50.7430, 56.3157, 46.7236



43.2392, 42.6915, 61.2228

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.



58.9345, 56.3157, 71.5868



50.7430, 56.3157, 46.7236



53.1985, 56.3157, 80.9649

Square

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



50.7430, 56.3157, 46.7236



48.1529, 56.3157, 69.7951



56.4097, 56.3157, 78.6736



59.2855, 56.3157, 53.5571

Rectangle

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



50.7430, 56.3157, 46.7236



47.6705, 56.3157, 57.3783



56.4097, 56.3157, 78.6736



59.8432, 56.3157, 65.4345

Sweetspot

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



50.7445, 56.3182, 46.7248



92.7039, 98.9753, 100.4443



47.1622, 46.8037, 45.0771



19.7503, 21.1445, 21.1697



0.0000, 0.0000, 0.0000



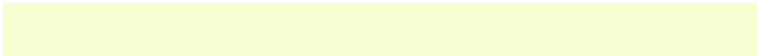
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.7445, 56.3182, 46.7248



85.2220, 95.6877, 74.3644



47.0616, 54.4196, 46.5525



11.3080, 12.3057, 11.3420



22.4217, 31.0541, 4.8123



1.1161, 1.4985, 0.2304

Inverse Universe

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



43.2392, 42.6915, 61.2228



69.8739, 67.8195, 104.0155



46.8456, 44.5507, 61.3916



10.2516, 10.3880, 13.3823



7.2452, 2.9693, 34.9356



0.4033, 0.1717, 1.6570

Previews

White Background



This preview shows how the XYZ color 50.7430, 56.3157, 46.7236 looks on a white background.

Color Contrast Check

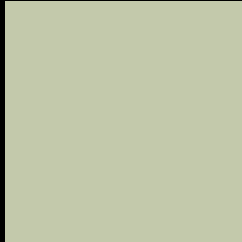
Large Text (above 18pt) WCAG AA × Fail

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 50.7430, 56.3157, 46.7236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

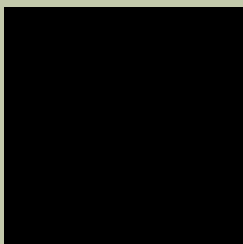
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

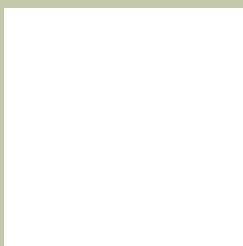
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.7430, 56.3157, 46.7236

Background



This preview shows how black text looks on a background with the XYZ color 50.7430, 56.3157, 46.7236.



This preview shows how white text looks on a background with the XYZ color 50.7430, 56.3157,

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

50.7430, 56.3157, 46.7236

Protanopia

53.1401, 56.2070, 45.5844

Deuteranopia

57.3203, 56.0128, 47.3256



Tritanopia

55.3604, 56.1509, 69.5484

Trichromacy



Original Color

50.7430, 56.3157, 46.7236

Protanomaly

52.0784, 55.9870, 46.0919

Deuteranomaly

54.7625, 56.0092, 46.9543

Tritanomaly

53.4832, 56.0601, 60.2264

Monochromacy



Original Color

50.7430, 56.3157, 46.7236

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.9287, 55.7118, 55.0302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7430, 56.3157, 46.7236 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(195, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 201, 171)  
}
```

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(195, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 201, 171) }
```

Border

The CSS property to change the border of an element to XYZ 50.7430, 56.3157, 46.7236 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(195, 201, 171) }
```


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

```
.border{ border-color:rgb(195, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(195, 201,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7430, 56.3157, 46.7236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 201, 171) }
```

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

```
.background{ background-color: rgb(195,  
201, 171) }
```

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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