

Converting Colors

XYZ(50.8016, 56.5374, 22.4226)

Have a look what the booklet for
XYZ(50.8016, 56.5374, 22.4226)
contains.

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Color

**XYZ(50.8016, 56.5374,
22.4226)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C86C
RGB	213, 200, 108
RGB Percent	84%, 78%, 42%
CMY	0.1647, 0.2157, 0.5765
CMYK	0.00, 0.06, 0.49, 0.16
HSL	53°, 56%, 63%
HSV	53°, 49%, 84%
XYZ	50.8016, 56.5374, 22.4226
YIQ	193.3990, 37.2800, -25.8560

Conversions

Conversions Part 2

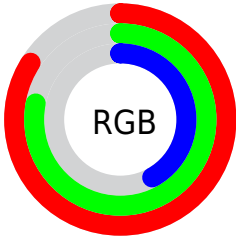
Format	Color
R _{YB}	123, 213, 108
Decimal	14010476
CIE Lab	79.92, -7.67, 47.27
CIE LCh	80, 47.889, 99.216
Yxy	56.5374, 0.3915, 0.4357
Android (android.graphics.Color)	4292200556 (0xFFD5C86C)
YUV	193.3990, -42.1017, 17.1901
Hunter-Lab	75.1914, -10.9848, 34.9532

Details

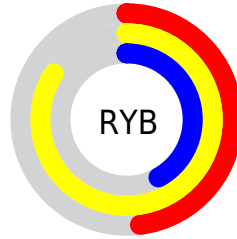
The XYZ color **50.8016, 56.5374, 22.4226** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.0318, 21.6663, 65.8132**, and the grayscale version is **51.1495, 53.8133, 58.6027**.

A 20% lighter version of the original color is **83.4330, 95.3532, 47.7258**, and **24.7277, 27.9211, 7.9569** is the 20% darker color. If you saturate the color by 10%, you get **49.1989, 54.9300, 16.9627**, and if you desaturate by 10%, it is **52.6945, 58.2819, 29.3467**.

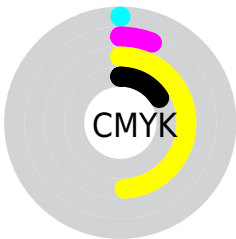
Distribution



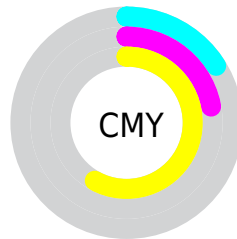
- Red (84%)
- Green (78%)
- Blue (42%)



- Red (48%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (6%)
- Yellow (49%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8016, 56.5374, 22.4226 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 50.8016, 56.5374, 22.4226 by changing the saturation by 10% instead.

■ 50.8016, 56.5374,
22.4226

■ 50.8016, 56.5374,
22.4226

380.1928,
411.7136, 277.7705

■ 36.2711, 40.6340,
13.9665

■ 90.5462, 99.7899,
48.3546

■ 24.8148, 28.0332,
7.9589

■ 116.4910,
127.9077, 66.6675

■ 16.0671, 18.3507,
3.9812

■ 146.9713,
160.8658, 89.1032

■ 9.6628, 11.2020,
1.6151

■ 182.3525,
199.0485, 116.0800

■ 5.2365, 6.2029,
0.3015

222.9999,
242.8402, 148.0166

■ 2.4229, 2.9688,
0.0000

269.2788,

■ 0.8565, 1.1155,

292.6254, 185.3315

0.0000

321.5547,
348.7884, 228.4433

■ 0.0000, 0.0000,
0.0000

■ 50.8016, 56.5374,
22.4226

■ 50.8016, 56.5374,
22.4226

■ 49.1989, 54.9300,
16.9627

■ 52.6945, 58.2819,
29.3467

■ 47.8618, 53.4434,
12.8554

■ 54.8919, 60.1631,
37.8287

■ 46.7681, 52.0709,
9.9787


■ 57.4123, 62.1905,
47.9586


■ 45.8902, 50.8013,
8.1872


■ 60.2712, 64.3704,
59.8186


■ 45.1821, 49.6161,
7.2387


■ 63.4833, 66.7087,
73.4853

 45.1345, 49.5341,
7.1822

 67.0622, 69.2111,
89.0308

 70.6807, 71.7465,
104.7309

 71.3716, 73.1284,
104.9612

 72.0735, 74.5321,
105.1952

Harmonies

Analogous

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



60.6393, 56.5374, 23.8758



50.8016, 56.5374, 22.4226



42.7746, 56.5374, 28.7267

Triad

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



50.8016, 56.5374, 22.4226



40.5292, 56.5374, 101.9393



73.1539, 56.5374, 82.5530

Complementary

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



50.8016, 56.5374, 22.4226



25.0318, 21.6663, 65.8132

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.



66.4288, 56.5374, 112.9841



50.8016, 56.5374, 22.4226



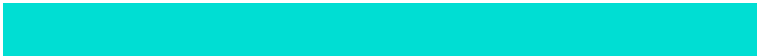
47.3796, 56.5374, 126.3158

Square

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



50.8016, 56.5374, 22.4226



37.3321, 56.5374, 70.5279



56.7836, 56.5374, 130.8744



74.3570, 56.5374, 53.3857

Rectangle

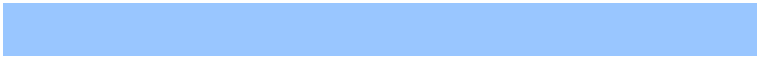
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.8016, 56.5374, 22.4226



39.2383, 56.5374, 38.0452



56.7836, 56.5374, 130.8744



71.4286, 56.5374, 93.1870

Sweetspot

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



50.8030, 56.5400, 22.4238



88.0003, 94.7936, 79.1342



36.3163, 26.2769, 21.5709



18.6444, 20.1424, 16.1489



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.



50.8030, 56.5400, 22.4238



73.8720, 82.4812, 25.2707



44.0684, 57.7274, 23.0079



13.3356, 14.2454, 13.2075



27.6215, 30.3602, 4.4043



1.7036, 1.9065, 0.2782

Inverse Universe

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



25.0318, 21.6663, 65.8132



30.9269, 24.4040, 97.6882



29.3164, 21.6868, 65.5914



11.8652, 12.2538, 15.6774



7.6072, 3.4762, 38.7232



0.5007, 0.2935, 2.3496

Previews

White Background



This preview shows how the XYZ color 50.8016, 56.5374, 22.4226 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 50.8016, 56.5374, 22.4226 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 50.8016, 56.5374, 22.4226

Background



This preview shows how black text looks on a background with the XYZ color 50.8016, 56.5374, 22.4226.



This preview shows how white text looks on a background with the XYZ color 50.8016, 56.5374,

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

50.8016, 56.5374, 22.4226

Protanopia

51.7614, 56.3551, 22.0594

Deuteranopia

57.6848, 56.4201, 22.8888



Tritanopia

59.5281, 56.4428, 64.8838

Trichromacy



Original Color

50.8016, 56.5374, 22.4226

Protanomaly

51.3962, 56.5073, 22.1081

Deuteranomaly

54.8394, 56.2546, 22.7197

Tritanomaly

55.4448, 56.0646, 45.4354

Monochromacy



Original Color

50.8016, 56.5374, 22.4226

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.0809, 54.3679, 42.0369

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8016, 56.5374, 22.4226 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(213, 200, 108)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 108)  
}
```

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(213, 200, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 108) }
```

Border

The CSS property to change the border of an element to XYZ 50.8016, 56.5374, 22.4226 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(213, 200, 108) }
```


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

```
.border{ border-color:rgb(213, 200, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 200, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 200, 108); box-shadow:4px 4px 4px 4px rgb(213, 200, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8016, 56.5374, 22.4226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 108) }
```

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

```
.background{ background-color: rgb(213,  
200, 108) }
```

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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