

Converting Colors

XYZ(44.6189, 45.9317, 14.6107)

Have a look what the booklet for
XYZ(44.6189, 45.9317, 14.6107)
contains.

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Color

**XYZ(44.5272, 45.8213,
14.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B053
RGB	213, 176, 83
RGB Percent	84%, 69%, 33%
CMY	0.1647, 0.3098, 0.6745
CMYK	0.00, 0.17, 0.61, 0.16
HSL	43°, 61%, 58%
HSV	43°, 61%, 84%
XYZ	44.5272, 45.8213, 14.6812
YIQ	176.4610, 51.9050, -21.0790

Conversions

Conversions Part 2

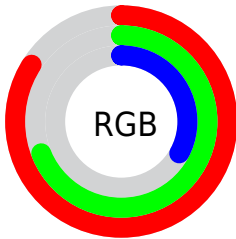
Format	Color
RYB	135, 213, 83
Decimal	14004307
CIELab	73.43, 2.86, 51.63
CIELCh	73, 51.711, 86.833
Yxy	45.8213, 0.4239, 0.4363
Android (android.graphics.Color)	4292194387 (0xFFD5B053)
YUV	176.4610, -46.0763, 32.0447
Hunter-Lab	67.6914, -1.0433, 34.5249

Details

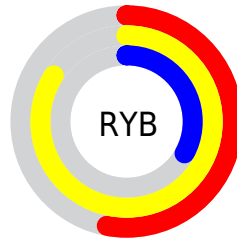
The XYZ color **44.5272, 45.8213, 14.6812** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **22.2937, 20.0753, 65.6503**, and the grayscale version is **41.7230, 43.8958, 47.8026**.

A 20% lighter version of the original color is **74.1891, 80.1611, 34.4841**, and **20.9596, 21.4776, 4.2692** is the 20% darker color. If you saturate the color by 10%, you get **42.6660, 43.2191, 10.6082**, and if you desaturate by 10%, it is **46.6962, 48.6351, 20.1038**.

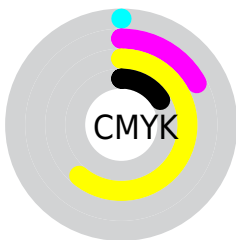
Distribution



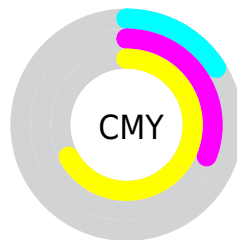
- Red (84%)
- Green (69%)
- Blue (33%)



- Red (53%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (17%)
- Yellow (61%)
- Black (16%)




- Cyan (16%)
- Magenta (31%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.5272, 45.8213, 14.6812 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 44.5272, 45.8213, 14.6812 by changing the saturation by 10% instead.


 44.5272, 45.8213,
14.6812

 44.5272, 45.8213,
14.6812


355.6713,
370.0898, 233.0023

 31.2849, 32.1048,
8.4518

 81.2519, 83.9515,
35.0273

 20.9688, 21.4416,
4.2935


 105.4650,
109.1340, 49.9811


 13.2135, 13.4472,
1.7877


 134.0657,
138.9073, 68.6801

 7.6537, 7.7372,
0.4198

 167.4194,
173.6558, 91.5429

 3.9241, 3.9272,
0.0000

 205.8915,
213.7639, 118.9879

 1.6593, 1.6329,
0.0000

249.8473,

 0.4306, 0.3797,

259.6160, 151.4338

0.0000

299.6521,
311.5965, 189.2991

■ 0.0000, 0.0000,
0.0000

■ 44.5272, 45.8213,
14.6812

■ 44.5272, 45.8213,
14.6812

■ 42.6660, 43.2191,
10.6082

■ 46.6962, 48.6351,
20.1038

■ 41.0848, 40.8110,
7.7555

■ 49.1914, 51.6635,
26.9839

■ 39.7552, 38.5862,
5.9733

■ 52.0333, 54.9177,
35.4215

■ 38.7312, 36.7277,
5.0478

■ 55.2397, 58.4058,
45.5068

■ 58.8270, 62.1354,
57.3234

■ 62.8106, 66.1136,
70.9490

■ 67.2050, 70.3471,
86.4565

■ 72.0236, 74.8424,
103.9149

■ 73.9429, 78.2710,
105.8184

Harmonies

Analogous

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



53.8615, 45.8213, 18.5649



44.5272, 45.8213, 14.6812



36.1094, 45.8213, 17.1669

Triad

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



44.5272, 45.8213, 14.6812



29.7092, 45.8213, 76.1537



59.9329, 45.8213, 82.7000

Complementary

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



44.5272, 45.8213, 14.6812



22.2937, 20.0753, 65.6503

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.



51.9523, 45.8213, 109.4255



44.5272, 45.8213, 14.6812



34.6494, 45.8213, 104.8109

Square

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



44.5272, 45.8213, 14.6812



28.2906, 45.8213, 47.1697



42.5907, 45.8213, 118.6690



63.5012, 45.8213, 52.7163

Rectangle

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



44.5272, 45.8213, 14.6812



31.9779, 45.8213, 22.8271



42.5907, 45.8213, 118.6690



57.6273, 45.8213, 92.7144

Sweetspot

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



44.5283, 45.8235, 14.6821



84.4947, 89.3358, 73.1767



34.0468, 21.7382, 20.8144



17.7594, 18.7772, 14.6058



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.



44.5283, 45.8235, 14.6821



63.4363, 63.9413, 14.6043



45.8491, 58.7776, 17.1129



13.1603, 13.8949, 13.1491



23.7498, 22.6168, 3.1137



1.5013, 1.5019, 0.2108

Inverse Universe

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



22.2937, 20.0753, 65.6503



27.4315, 22.3555, 97.4770



21.4106, 14.2424, 64.5710



12.0275, 12.5785, 15.7315



8.4189, 5.0995, 38.9937



0.5781, 0.4482, 2.3753

Previews

White Background



This preview shows how the XYZ color 44.5272, 45.8213, 14.6812 looks on a white background.

Color Contrast Check

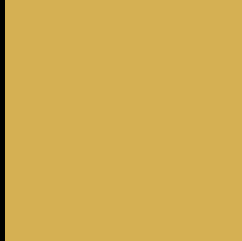
Large Text (above 18pt) WCAG AA × Fail

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 44.5272, 45.8213, 14.6812 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 44.5272, 45.8213, 14.6812

Background



This preview shows how black text looks on a background with the XYZ color 44.5272, 45.8213, 14.6812.



This preview shows how white text looks on a background with the XYZ color 44.5272, 45.8213,

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

44.5272, 45.8213, 14.6812

Protanopia

41.9435, 45.9672, 15.0494

Deuteranopia

46.7842, 45.8331, 14.7684



Tritanopia

51.4909, 45.8589, 48.2573

Trichromacy



Original Color

44.5272, 45.8213, 14.6812

Protanomaly

42.8972, 45.8594, 14.9783

Deuteranomaly

45.7572, 45.5873, 14.7751

Tritanomaly

48.2461, 45.6380, 32.2528

Monochromacy



Original Color

44.5272, 45.8213, 14.6812

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.3941, 43.8225, 31.8681

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5272, 45.8213, 14.6812 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, 176, 83)` looks like.

```
.text, #text, p{  
    color:rgb(213, 176, 83)  
}
```

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, 176, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 176, 83) }
```

Border

The CSS property to change the border of an element to XYZ 44.5272, 45.8213, 14.6812 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, 176, 83) }
```


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

```
.border{ border-color:rgb(213, 176, 83) }
```

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

Here you see how a box with a 4 pixel rgb(213, 176, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 176, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 176, 83);  
box-shadow:4px 4px 4px 4px rgb(213, 176,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5272, 45.8213, 14.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 176, 83) }
```

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

```
.background{ background-color: rgb(213,  
176, 83) }
```

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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