

Converting Colors

XYZ(44.2656, 52.8098, 14.2093)

Have a look what the booklet for
XYZ(44.2656, 52.8098, 14.2093)
contains.

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Color

**XYZ(44.1616, 52.6050,
14.1295)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C649
RGB	196, 198, 73
RGB Percent	77%, 78%, 29%
CMY	0.2314, 0.2235, 0.7137
CMYK	0.01, 0.00, 0.63, 0.22
HSL	61°, 52%, 53%
HSV	61°, 63%, 78%
XYZ	44.1616, 52.6050, 14.1295
YIQ	183.1520, 38.9330, -39.2990

Conversions

Conversions Part 2

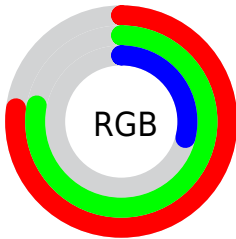
Format	Color
RYB	73, 198, 75
Decimal	12895817
CIELab	77.64, -16.36, 60.19
CIELCh	78, 62.379, 105.208
Yxy	52.6050, 0.3982, 0.4744
Android (android.graphics.Color)	4291085897 (0xFFC4C649)
YUV	183.1520, -54.3049, 11.2677
Hunter-Lab	72.5293, -18.2413, 39.2202

Details

The XYZ color **44.1616, 52.6050, 14.1295** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **15.4789, 10.3393, 54.6093**, and the grayscale version is **45.3683, 47.7309, 51.9790**.

A 20% lighter version of the original color is **80.8308, 94.3123, 34.0225**, and **20.6591, 25.4508, 4.0247** is the 20% darker color. If you saturate the color by 10%, you get **43.5248, 52.3427, 11.2019**, and if you desaturate by 10%, it is **45.0100, 52.9559, 18.1597**.

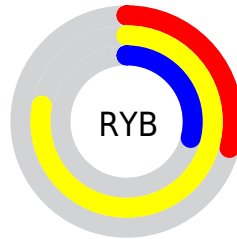
Distribution



Red (77%)

Green (78%)

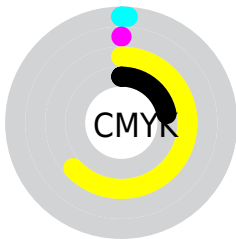
Blue (29%)



Red (29%)

Yellow (78%)

Blue (29%)

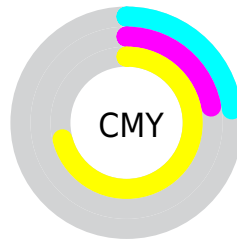


Cyan (1%)

Magenta (0%)

Yellow (63%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1616, 52.6050, 14.1295 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 44.1616, 52.6050, 14.1295 by changing the saturation by 10% instead.

■ 44.1616, 52.6050,
14.1295

■ 44.1616, 52.6050,
14.1295

354.2084,
396.7678, 229.4913

■ 30.9960, 37.4875,
8.0710

■ 80.7057, 94.0229,
34.0391

■ 20.7476, 25.5852,
4.0520

■ 104.8149,
121.0921, 48.7272

■ 13.0511, 16.5136,
1.6539

■ 133.3028,
152.9140, 67.1290

■ 7.5410, 9.8883,
0.3289

■ 166.5346,
189.8730, 89.6630

■ 3.8520, 5.3250,
0.0000

■ 204.8757,
232.3535, 116.7476

■ 1.6187, 2.4392,
0.0000

248.6914,

■ 0.4046, 0.8459,

280.7398, 148.8016

0.0000

298.3472,
335.4165, 186.2433

■ 0.0000, 0.0000,
0.0000

■ 44.1616, 52.6050,
14.1295

■ 44.1616, 52.6050,
14.1295

■ 43.5248, 52.3427,
11.2019

■ 45.0100, 52.9559,
18.1597

■ 43.0753, 52.1534,
9.2649

■ 46.0842, 53.3951,
23.3838

■ 42.7895, 52.0295,
8.1889

■ 47.4016, 53.9317,
29.8870

■ 42.6565, 51.9698,
7.7829

■ 48.9766, 54.5713,
37.7462

■ 50.8226, 55.3194,
47.0320

■ 52.9523, 56.1809,
57.8102

■ 55.3773, 57.1606,
70.1425

■ 58.1086, 58.2628,
84.0870

■ 61.1567, 59.4918,
99.6990

Harmonies

Analogous

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



56.1547, 52.6050, 14.0805



44.1616, 52.6050, 14.1295



35.2865, 52.6050, 22.0802

Triad

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



44.1616, 52.6050, 14.1295



35.3808, 52.6050, 118.4929



75.9290, 52.6050, 75.9555

Complementary

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



44.1616, 52.6050, 14.1295



15.4789, 10.3393, 54.6093

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.



68.3212, 52.6050, 117.9409



44.1616, 52.6050, 14.1295



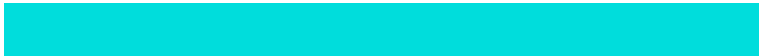
44.3113, 52.6050, 148.4339

Square

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



44.1616, 52.6050, 14.1295



30.7998, 52.6050, 76.5184



56.3304, 52.6050, 148.1988



75.8715, 52.6050, 41.5677

Rectangle

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



44.1616, 52.6050, 14.1295



31.7688, 52.6050, 33.7051



56.3304, 52.6050, 148.1988



74.1356, 52.6050, 89.8716

Sweetspot

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



44.1628, 52.6074, 14.1306



87.9220, 97.1158, 72.8547



26.8757, 17.2532, 8.2177



18.6238, 20.7077, 14.6140



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.



44.1628, 52.6074, 14.1306



76.7126, 92.5339, 18.2608



31.4711, 46.0646, 13.5366



11.5064, 12.4080, 11.3513



27.7463, 33.7991, 5.0615



1.3193, 1.6032, 0.2399

Inverse Universe

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



15.4789, 10.3393, 54.6093



21.8640, 11.6793, 95.7097



22.6495, 14.0359, 54.9448



10.0722, 10.2955, 13.3739



6.6616, 2.6684, 34.9083



0.3210, 0.1292, 1.6532

Previews

White Background



This preview shows how the XYZ color 44.1616, 52.6050, 14.1295 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 44.1616, 52.6050, 14.1295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

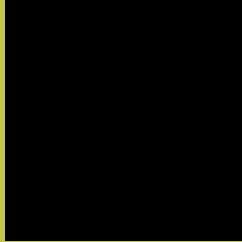
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1616, 52.6050, 14.1295

Background



This preview shows how black text looks on a background with the XYZ color 44.1616, 52.6050, 14.1295.



This preview shows how white text looks on a background with the XYZ color 44.1616, 52.6050,

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

44.1616, 52.6050, 14.1295

Protanopia

47.7185, 52.4503, 13.5701

Deuteranopia

53.3630, 52.1831, 14.4675



Tritanopia

53.7867, 52.2780, 61.8994

Trichromacy



Original Color

44.1616, 52.6050, 14.1295

Protanomaly

46.1936, 52.3169, 13.7944

Deuteranomaly

49.7192, 52.1762, 14.2880

Tritanomaly

49.1480, 51.9974, 38.0180

Monochromacy



Original Color

44.1616, 52.6050, 14.1295

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.6802, 48.6410, 33.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1616, 52.6050, 14.1295 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(196, 198, 73)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 73)  
}
```

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(196, 198, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 73) }
```

Border

The CSS property to change the border of an element to XYZ 44.1616, 52.6050, 14.1295 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(196, 198, 73) }
```


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

```
.border{ border-color:rgb(196, 198, 73) }
```

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

Here you see how a box with a 4 pixel rgb(196, 198, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 73);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1616, 52.6050, 14.1295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 73) }
```

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

```
.background{ background-color: rgb(196,  
198, 73) }
```

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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