

Converting Colors

XYZ(44.5204, 52.7485, 16.0186)

Have a look what the booklet for
XYZ(44.5204, 52.7485, 16.0186)
contains.

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Color

**XYZ(44.5204, 52.7485,
16.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C653
RGB	196, 198, 83
RGB Percent	77%, 78%, 33%
CMY	0.2314, 0.2235, 0.6745
CMYK	0.01, 0.00, 0.58, 0.22
HSL	61°, 50%, 55%
HSV	61°, 58%, 78%
XYZ	44.5204, 52.7485, 16.0186
YIQ	184.2920, 35.7230, -36.1890

Conversions

Conversions Part 2

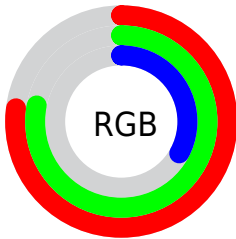
Format	Color
R _Y B	83, 198, 85
Decimal	12895827
CIE Lab	77.73, -15.68, 56.02
CIE LCh	78, 58.171, 105.642
Yxy	52.7485, 0.3930, 0.4656
Android (android.graphics.Color)	4291085907 (0xFFC4C653)
YUV	184.2920, -49.9370, 10.2679
Hunter-Lab	72.6282, -17.6804, 37.7629

Details

The XYZ color **44.5204, 52.7485, 16.0186** 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 **17.0343, 12.1962, 54.8856**, and the grayscale version is **45.9765, 48.3709, 52.6759**.

A 20% lighter version of the original color is **81.5154, 94.5861, 37.6275**, and **20.9863, 25.6011, 4.8723** is the 20% darker color. If you saturate the color by 10%, you get **43.7733, 52.4412, 12.5475**, and if you desaturate by 10%, it is **45.4885, 53.1481, 20.6415**.

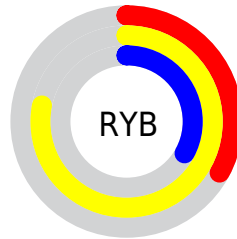
Distribution



Red (77%)

Green (78%)

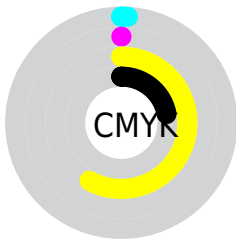
Blue (33%)



Red (33%)

Yellow (78%)

Blue (33%)

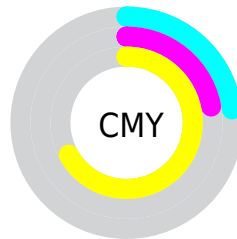


Cyan (1%)

Magenta (0%)

Yellow (58%)

Black (22%)



Cyan (23%)

Magenta (22%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5204, 52.7485, 16.0186 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 44.5204, 52.7485, 16.0186 by changing the saturation by 10% instead.

■ 44.5204, 52.7485,
16.0186

■ 44.5204, 52.7485,
16.0186

355.6441,
397.3195, 241.3009

■ 31.2795, 37.6020,
9.3828

■ 81.2418, 94.2342,
37.3977

■ 20.9646, 25.6740,
4.8915

■ 105.4529,
121.3422, 52.9782

■ 13.2105, 16.5799,
2.1261

■ 134.0516,
153.2062, 72.3772

■ 7.6516, 9.9354,
0.6313

■ 167.4030,
190.2105, 96.0135

■ 3.9228, 5.3562,
0.0000

■ 205.8726,
232.7396, 124.3054

■ 1.6585, 2.4577,
0.0000

249.8258,

■ 0.4301, 0.8553,

281.1779, 157.6716

0.0000

299.6278,
335.9097, 196.5306

■ 0.0000, 0.0000,
0.0000

■ 44.5204, 52.7485,
16.0186

■ 44.5204, 52.7485,
16.0186

■ 43.7733, 52.4412,
12.5475

■ 45.4885, 53.1481,
20.6415

■ 43.2244, 52.2113,
10.1240

■ 46.6907, 53.6394,
26.5019

■ 42.8524, 52.0522,
8.6311

■ 48.1436, 54.2309,
33.6811

■ 42.6233, 51.9503,
7.8901

■ 49.8610, 54.9284,
42.2525

■ 42.5854, 51.9331,
7.7796

■ 51.8561, 55.7369,
52.2844

■ 54.1407, 56.6612,
63.8403

■ 56.7263, 57.7060,
76.9800

■ 59.6236, 58.8755,
91.7603

■ 61.8271, 59.7675,
102.8854

Harmonies

Analogous

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



55.7005, 52.7485, 15.8656



44.5204, 52.7485, 16.0186



36.1909, 52.7485, 24.0683

Triad

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



44.5204, 52.7485, 16.0186



36.4676, 52.7485, 114.1732



74.1791, 52.7485, 74.2290

Complementary

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



44.5204, 52.7485, 16.0186



17.0343, 12.1962, 54.8856

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.



67.2691, 52.7485, 112.6268



44.5204, 52.7485, 16.0186



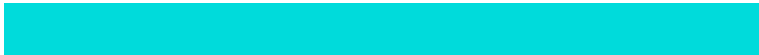
44.9548, 52.7485, 140.9107

Square

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



44.5204, 52.7485, 16.0186



32.0389, 52.7485, 75.8329



56.2047, 52.7485, 140.2576



74.0162, 52.7485, 42.2816

Rectangle

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



44.5204, 52.7485, 16.0186



32.8814, 52.7485, 35.4629



56.2047, 52.7485, 140.2576



72.5662, 52.7485, 87.0013

Sweetspot

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



44.5216, 52.7509, 16.0197



88.5619, 97.3727, 76.1832



28.0938, 19.1155, 10.3932



18.8130, 20.7838, 15.5905



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.



44.5216, 52.7509, 16.0197



77.1859, 92.7231, 20.7582



32.3355, 46.4687, 15.4494



11.5049, 12.4072, 11.3512



27.7008, 33.7756, 5.0593



1.3176, 1.6023, 0.2398

Inverse Universe

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



17.0343, 12.1962, 54.8856



23.9447, 14.1467, 96.0763



24.5149, 16.0526, 55.2357



10.0735, 10.2962, 13.3739



6.6644, 2.6699, 34.9084



0.3217, 0.1296, 1.6532

Previews

White Background



This preview shows how the XYZ color 44.5204, 52.7485, 16.0186 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 44.5204, 52.7485, 16.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

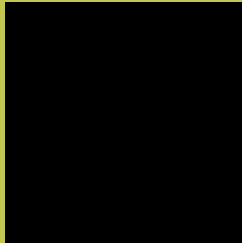
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.5204, 52.7485, 16.0186

Background



This preview shows how black text looks on a background with the XYZ color 44.5204, 52.7485, 16.0186.



This preview shows how white text looks on a background with the XYZ color 44.5204, 52.7485,

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

44.5204, 52.7485, 16.0186

Protanopia

48.0664, 52.5895, 15.4020

Deuteranopia

53.5788, 52.5596, 16.3379



Tritanopia

53.9967, 52.6978, 61.9694

Trichromacy



Original Color

44.5204, 52.7485, 16.0186

Protanomaly

46.5469, 52.4582, 15.6548

Deuteranomaly

49.7871, 52.1679, 16.2495

Tritanomaly

49.4011, 52.0986, 39.3506

Monochromacy



Original Color

44.5204, 52.7485, 16.0186

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.2031, 49.1931, 34.7692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5204, 52.7485, 16.0186 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, 83)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 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(196, 198, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 83) }
```

Border

The CSS property to change the border of an element to XYZ 44.5204, 52.7485, 16.0186 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, 83) }
```


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

```
.border{ border-color:rgb(196, 198, 83) }
```

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, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 83);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5204, 52.7485, 16.0186 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, 83) }
```

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

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