

Converting Colors

XYZ(47.4497, 52.3766, 10.6264)

Have a look what the booklet for
XYZ(47.4497, 52.3766, 10.6264)
contains.

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Color

**XYZ(47.4497, 52.3766,
10.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C032
RGB	215, 192, 50
RGB Percent	84%, 75%, 20%
CMY	0.1569, 0.2470, 0.8039
CMYK	0.00, 0.11, 0.77, 0.16
HSL	52°, 67%, 52%
HSV	52°, 77%, 84%
XYZ	47.4497, 52.3766, 10.6264
YIQ	182.6890, 59.2900, -39.2860

Conversions

Conversions Part 2

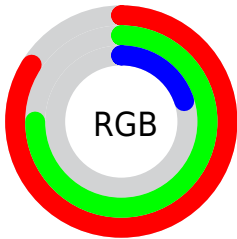
Format	Color
RYB	77, 215, 50
Decimal	14139442
CIELab	77.51, -6.40, 69.13
CIELCh	78, 69.430, 95.286
Yxy	52.3766, 0.4296, 0.4742
Android (android.graphics.Color)	4292329522 (0xFFD7C032)
YUV	182.6890, -65.4157, 28.3367
Hunter-Lab	72.3717, -9.6189, 41.9546

Details

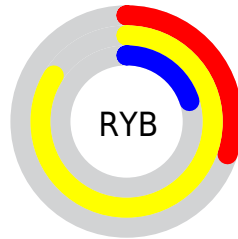
The XYZ color **47.4497, 52.3766, 10.6264** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **15.9638, 10.3495, 65.4459**, and the grayscale version is **45.1649, 47.5170, 51.7460**.

A 20% lighter version of the original color is **77.4612, 89.4563, 27.0941**, and **22.9429, 25.5332, 3.7192** is the 20% darker color. If you saturate the color by 10%, you get **46.4395, 50.9325, 8.5139**, and if you desaturate by 10%, it is **48.6933, 53.9395, 13.8915**.

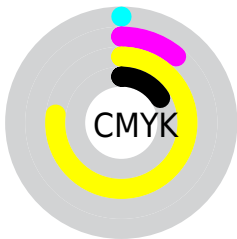
Distribution



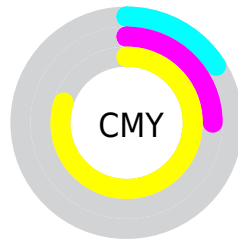
- Red (84%)
- Green (75%)
- Blue (20%)



- Red (30%)
- Yellow (84%)
- Blue (20%)



- Cyan (0%)
- Magenta (11%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (25%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.4497, 52.3766, 10.6264 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 47.4497, 52.3766, 10.6264 by changing the saturation by 10% instead.

■ 47.4497, 52.3766,
10.6264

■ 47.4497, 52.3766,
10.6264

367.2257,
395.8888, 205.7308

■ 33.6007, 37.3053,
5.7052

■ 85.5992, 93.6864,
27.5932

■ 22.7485, 25.4440,
2.6008

■ 110.6304,
120.6937, 40.4760

■ 14.5276, 16.4082,
0.8929

■ 140.1197,
152.4486, 56.8496

■ 8.5726, 9.8134,
0.0000

■ 174.4325,
189.3353, 77.1327

■ 4.5184, 5.2754,
0.0000

■ 213.9342,
231.7383, 101.7439

■ 1.9994, 2.4098,
0.0000

■ 258.9900,

■ 0.6336, 0.8309,

280.0419, 131.1016

0.0000

309.9654,
334.6306, 165.6243

■ 0.0000, 0.0000,
0.0000

■ 47.4497, 52.3766,
10.6264

■ 47.4497, 52.3766,
10.6264

■ 46.4395, 50.9325,
8.5139

■ 48.6933, 53.9395,
13.8915

■ 45.6242, 49.5857,
7.3675

■ 50.1939, 55.6247,
18.4483

■ 45.3809, 49.1604,
7.0971

■ 51.9756, 57.4441,
24.4191

■ 54.0591, 59.4060,
31.9117

■ 56.4629, 61.5179,
41.0230

■ 59.2038, 63.7868,
51.8421

■ 62.2977, 66.2189,
64.4515

■ 65.7593, 68.8205,
78.9284

■ 69.6024, 71.5970,
95.3454

Harmonies

Analogous

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



61.3321, 52.3766, 12.8672



47.4497, 52.3766, 10.6264



36.3506, 52.3766, 15.5504

Triad

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



47.4497, 52.3766, 10.6264



31.5962, 52.3766, 111.0582



77.0013, 52.3766, 93.7145

Complementary

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



47.4497, 52.3766, 10.6264



15.9638, 10.3495, 65.4459

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.



66.1719, 52.3766, 140.7950



47.4497, 52.3766, 10.6264



39.7821, 52.3766, 153.5616

Square

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



47.4497, 52.3766, 10.6264



28.3075, 52.3766, 64.0899



52.1903, 52.3766, 166.3574



80.0460, 52.3766, 50.5072

Rectangle

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



47.4497, 52.3766, 10.6264



31.4877, 52.3766, 24.5186



52.1903, 52.3766, 166.3574



74.0664, 52.3766, 110.1219

Sweetspot

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



47.4509, 52.3791, 10.6274



84.4514, 91.6769, 65.6780



30.4266, 17.2333, 8.3353



17.7742, 19.3680, 12.8810



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.



47.4509, 52.3791, 10.6274



67.5725, 73.7171, 11.3480



38.8299, 56.0244, 11.7854



13.3184, 14.2111, 13.2018



27.2019, 29.5210, 4.2644



1.6822, 1.8636, 0.2711

Inverse Universe

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



15.9638, 10.3495, 65.4459



19.6241, 9.9277, 95.4897



19.5609, 10.3606, 65.2584



11.8808, 12.2850, 15.6826



7.6591, 3.5800, 38.7405



0.5081, 0.3081, 2.3520

Previews

White Background



This preview shows how the XYZ color 47.4497, 52.3766, 10.6264 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 47.4497, 52.3766, 10.6264 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 47.4497, 52.3766, 10.6264

Background



This preview shows how black text looks on a background with the XYZ color 47.4497, 52.3766, 10.6264.



This preview shows how white text looks on a background with the XYZ color 47.4497, 52.3766,

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

47.4497, 52.3766, 10.6264

Protanopia

47.4497, 52.3766, 10.6264

Deuteranopia

53.3290, 52.2475, 10.7641



Tritanopia

57.1098, 52.2592, 57.5291

Trichromacy



Original Color

47.4497, 52.3766, 10.6264

Protanomaly

47.4497, 52.3766, 10.6264

Deuteranomaly

51.1565, 52.3638, 10.7791

Tritanomaly

52.0724, 51.7337, 32.4404

Monochromacy



Original Color

47.4497, 52.3766, 10.6264

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.4378, 48.4692, 29.9350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4497, 52.3766, 10.6264 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(215, 192, 50)` looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 50)  
}
```

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(215, 192, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 50) }
```

Border

The CSS property to change the border of an element to XYZ 47.4497, 52.3766, 10.6264 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(215, 192, 50) }
```


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

```
.border{ border-color:rgb(215, 192, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 192, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 192, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 192, 50); box-shadow:4px 4px 4px 4px rgb(215, 192, 50) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4497, 52.3766, 10.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 50) }
```

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

```
.background{ background-color: rgb(215,  
192, 50) }
```

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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