

Converting Colors

XYZ(52.5718, 62.7165, 13.9442)

Have a look what the booklet for
XYZ(52.5718, 62.7165, 13.9442)
contains.

XYZ(52.6476, 62.7371, 13.8921)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.6476, 62.7371,
13.8921)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D63E
RGB	214, 214, 62
RGB Percent	84%, 84%, 24%
CMY	0.1608, 0.1608, 0.7568
CMYK	0.00, 0.00, 0.71, 0.16
HSL	60°, 65%, 54%
HSV	60°, 71%, 84%
XYZ	52.6476, 62.7371, 13.8921
YIQ	196.6720, 48.7920, -47.2720

Conversions

Conversions Part 2

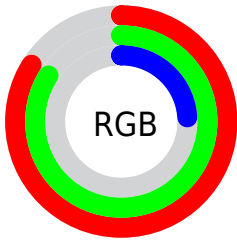
Format	Color
RYB	62, 214, 62
Decimal	14079550
CIELab	83.30, -17.40, 70.53
CIElCh	83, 72.644, 103.862
Yxy	62.7371, 0.4072, 0.4853
Android (android.graphics.Color)	4292269630 (0xFFD6D63E)
YUV	196.6720, -66.3933, 15.1967
Hunter-Lab	79.2068, -19.9654, 45.0458

Details

The XYZ color **52.6476, 62.7371, 13.8921** 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 **15.8487, 9.3258, 64.5870**, and the grayscale version is **53.2418, 56.0145, 60.9998**.

A 20% lighter version of the original color is **80.3298, 94.1119, 31.3843**, and **26.2811, 32.2095, 4.8319** is the 20% darker color. If you saturate the color by 10%, you get **52.1725, 62.5494, 11.3853**, and if you desaturate by 10%, it is **53.3567, 63.0231, 17.6186**.

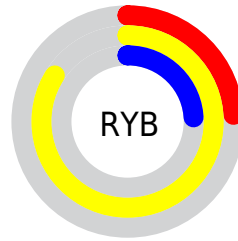
Distribution



Red (84%)

Green (84%)

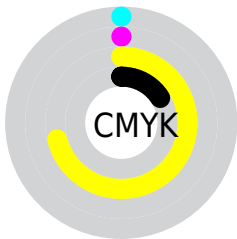
Blue (24%)



Red (24%)

Yellow (84%)

Blue (24%)

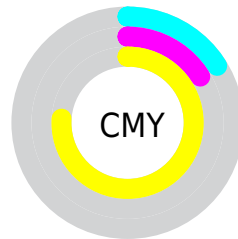


Cyan (0%)

Magenta (0%)

Yellow (71%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6476, 62.7371, 13.8921 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 52.6476, 62.7371, 13.8921 by changing the saturation by 10% instead.

■ 52.6476, 62.7371,
13.8921

■ 52.6476, 62.7371,
13.8921

387.2147,
434.6147, 227.9636

■ 37.7479, 45.6286,
7.9078

■ 93.2542, 108.7901,
33.6118

■ 25.9634, 31.9528,
3.9491

■ 119.6918,
138.5034, 48.1843

■ 16.9288, 21.3255,
1.5974

■ 150.7060,
173.1871, 66.4565

■ 10.2787, 13.3621,
0.2890

■ 186.6623,
213.2255, 88.8471

■ 5.6478, 7.6784,
0.0000

■ 227.9259,
259.0031, 115.7746

■ 2.6708, 3.8898,
0.0000

274.8623,

■ 0.9821, 1.6121,

310.9042, 147.6575

0.0000

327.8368,
369.3133, 184.9143

0.0000, 0.3658,
0.0000

0.0000, 0.0000,
0.0000

52.6476, 62.7371,
13.8921

52.6476, 62.7371,
13.8921

52.1725, 62.5494,
11.3853

53.3567, 63.0231,
17.6186

51.8981, 62.4396,
9.9420

54.3198, 63.4084,
22.6887

51.7786, 62.3917,
9.3138

55.5595, 63.9043,
29.2154

57.0948, 64.5185,
37.2987

■ 58.9430, 65.2578,
47.0298

■ 61.1201, 66.1286,
58.4928

■ 63.6410, 67.1370,
71.7662

■ 66.5197, 68.2885,
86.9236

■ 69.7693, 69.5884,
104.0345

Harmonies

Analogous

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



68.4727, 62.7371, 14.2035



52.6476, 62.7371, 13.8921



40.9694, 62.7371, 22.8412

Triad

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



52.6476, 62.7371, 13.8921



40.3090, 62.7371, 148.0089



93.8066, 62.7371, 95.4399

Complementary

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



52.6476, 62.7371, 13.8921



15.8487, 9.3258, 64.5870

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.



83.2381, 62.7371, 152.1356



52.6476, 62.7371, 13.8921



51.5829, 62.7371, 190.4998

Square

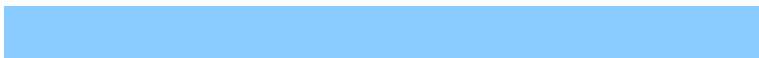
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.6476, 62.7371, 13.8921



34.7438, 62.7371, 91.3313



67.2034, 62.7371, 192.2762



94.2294, 62.7371, 49.5240

Rectangle

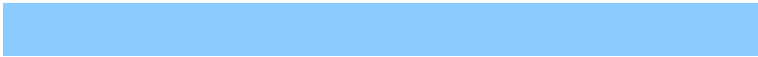
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.6476, 62.7371, 13.8921



36.3160, 62.7371, 36.7193



67.2034, 62.7371, 192.2762



91.2488, 62.7371, 114.2199

Sweetspot

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



52.6490, 62.7400, 13.8934



87.5948, 97.0178, 69.6459



30.3259, 18.0908, 6.4518



18.5750, 20.6963, 13.9918



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.



52.6490, 62.7400, 13.8934



77.3504, 92.9197, 15.7134



35.3999, 53.8478, 13.0861



13.4728, 14.5200, 13.2532



31.2949, 37.7094, 5.6292



1.8876, 2.2745, 0.3395

Inverse Universe

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



15.8487, 9.3258, 64.5870



19.5601, 9.0393, 95.3216



24.3435, 13.7050, 64.9846



11.7427, 12.0088, 15.6365



7.3365, 2.9346, 38.6329



0.4425, 0.1770, 2.3302

Previews

White Background



This preview shows how the XYZ color 52.6476, 62.7371, 13.8921 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 52.6476, 62.7371, 13.8921 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 52.6476, 62.7371, 13.8921

Background



This preview shows how black text looks on a background with the XYZ color 52.6476, 62.7371, 13.8921.



This preview shows how white text looks on a background with the XYZ color 52.6476, 62.7371,

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

52.6476, 62.7371, 13.8921

Protanopia

56.9758, 62.7616, 13.3862

Deuteranopia

63.4545, 62.4563, 19.3005



Tritanopia

64.5986, 62.5457, 72.9578

Trichromacy



Original Color

52.6476, 62.7371, 13.8921

Protanomaly

55.2529, 62.5989, 13.5855

Deuteranomaly

59.0510, 62.3202, 16.8993

Tritanomaly

58.2135, 61.6954, 41.6411

Monochromacy



Original Color

52.6476, 62.7371, 13.8921

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.3298, 57.5465, 36.4192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6476, 62.7371, 13.8921 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(214, 214, 62)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 62)  
}
```

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(214, 214, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 62) }
```

Border

The CSS property to change the border of an element to XYZ 52.6476, 62.7371, 13.8921 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(214, 214, 62) }
```


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

```
.border{ border-color:rgb(214, 214, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 214, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 62);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6476, 62.7371, 13.8921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 62) }
```

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

```
.background{ background-color: rgb(214,  
214, 62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor