

Converting Colors

XYZ(52.3621, 62.3978, 22.8669)

Have a look what the booklet for
XYZ(52.3621, 62.3978, 22.8669)
contains.

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Color

**XYZ(52.3802, 62.3991,
22.9192)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD66A
RGB	207, 214, 106
RGB Percent	81%, 84%, 42%
CMY	0.1882, 0.1608, 0.5843
CMYK	0.03, 0.00, 0.50, 0.16
HSL	64°, 57%, 63%
HSV	64°, 50%, 84%
XYZ	52.3802, 62.3991, 22.9192
YIQ	199.5950, 30.4960, -35.0720

Conversions

Conversions Part 2

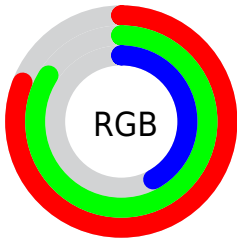
Format	Color
RYB	106, 214, 113
Decimal	13620842
CIELab	83.13, -17.33, 51.93
CIELCh	83, 54.749, 108.454
Yxy	62.3991, 0.3804, 0.4532
Android (android.graphics.Color)	4291810922 (0xFFCFD66A)
YUV	199.5950, -46.1423, 6.4942
Hunter-Lab	78.9931, -19.8749, 38.0927

Details

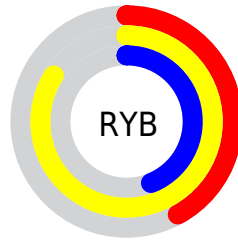
The XYZ color **52.3802, 62.3991, 22.9192** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.1039, 18.6753, 65.9563**, and the grayscale version is **54.9135, 57.7733, 62.9151**.

A 20% lighter version of the original color is **83.3452, 95.3181, 47.2632**, and **25.6417, 31.5466, 8.2277** is the 20% darker color. If you saturate the color by 10%, you get **51.0178, 61.8118, 17.7537**, and if you desaturate by 10%, it is **54.0267, 63.1050, 29.5499**.

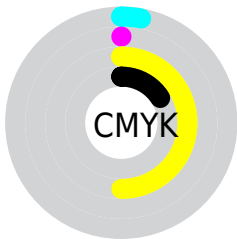
Distribution



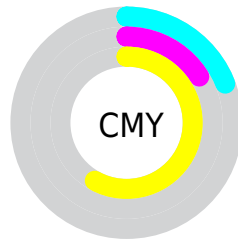
- Red (81%)
- Green (84%)
- Blue (42%)



- Red (42%)
- Yellow (84%)
- Blue (44%)



- Cyan (3%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3802, 62.3991, 22.9192 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 52.3802, 62.3991, 22.9192 by changing the saturation by 10% instead.

■ 52.3802, 62.3991,
22.9192

■ 52.3802, 62.3991,
22.9192

386.2025,
433.3854, 280.4182

■ 37.5337, 45.3553,
14.3291

■ 92.8626, 108.3021,
49.1821

■ 25.7966, 31.7373,
8.2086

■ 119.2293,
137.9301, 67.6921

■ 16.8034, 21.1610,
4.1390

■ 150.1667,
172.5216, 90.3457

■ 10.1888, 13.2417,
1.7019

■ 186.0402,
212.4610, 117.5616

■ 5.5876, 7.5952,
0.3620

227.2152,
258.1327, 149.7582

■ 2.6342, 3.8370,
0.0000

274.0570,

■ 0.9634, 1.5828,

309.9210, 187.3541

0.0000

326.9310,
368.2105, 230.7680

0.0000, 0.3460,
0.0000

0.0000, 0.0000,
0.0000

52.3802, 62.3991,
22.9192

52.3802, 62.3991,
22.9192

51.0178, 61.8118,
17.7537

54.0267, 63.1050,
29.5499

49.9139, 61.3260,
13.9386


55.9718, 63.9284,
37.7413


49.0461, 60.9350,
11.3485


58.2341, 64.8791,
47.5855


48.3856, 60.6274,
9.8328


60.8296, 65.9635,
59.1664


 47.9004, 60.3923,
9.1323

 63.7732, 67.1875,
72.5620

 67.0787, 68.5567,
87.8457

 70.6292, 70.0243,
104.4012

 71.0429, 70.2376,
104.4206

 71.4600, 70.4526,
104.4401

Harmonies

Analogous

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



63.9898, 62.3991, 21.9464



52.3802, 62.3991, 22.9192



43.8290, 62.3991, 33.1860

Triad

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



52.3802, 62.3991, 22.9192



45.4362, 62.3991, 129.4639



84.5682, 62.3991, 81.8668

Complementary

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



52.3802, 62.3991, 22.9192



24.1039, 18.6753, 65.9563

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.



78.0608, 62.3991, 121.0993



52.3802, 62.3991, 22.9192



54.8612, 62.3991, 154.0963

Square

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



52.3802, 62.3991, 22.9192



40.2039, 62.3991, 90.7779



66.8222, 62.3991, 150.6075



83.6706, 62.3991, 49.2980

Rectangle

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



52.3802, 62.3991, 22.9192



40.5294, 62.3991, 46.6731



66.8222, 62.3991, 150.6075



83.1425, 62.3991, 94.8531

Sweetspot

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



52.3817, 62.4019, 22.9205



88.5849, 97.3092, 79.5889



36.0634, 26.7947, 16.9077



18.7867, 20.7554, 16.2597



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.



52.3817, 62.4019, 22.9205



75.6585, 91.8258, 25.6540



40.0914, 56.0661, 22.3453



13.3896, 14.4770, 13.2493



28.9854, 36.5188, 5.5211



1.7728, 2.2153, 0.3342

Inverse Universe

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



24.1039, 18.6753, 65.9563



28.9279, 19.5148, 96.8498



32.8940, 23.2068, 66.3677



11.8164, 12.0468, 15.6400



7.4755, 3.0063, 38.6394



0.4777, 0.1951, 2.3318

Previews

White Background



This preview shows how the XYZ color 52.3802, 62.3991, 22.9192 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 52.3802, 62.3991, 22.9192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

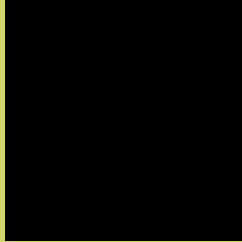
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3802, 62.3991, 22.9192

Background



This preview shows how black text looks on a background with the XYZ color 52.3802, 62.3991, 22.9192.



This preview shows how white text looks on a background with the XYZ color 52.3802, 62.3991,

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

52.3802, 62.3991, 22.9192

Protanopia

57.1246, 62.2831, 22.1078

Deuteranopia

63.2887, 61.9409, 23.3720



Tritanopia

62.9888, 62.3631, 75.0471

Trichromacy



Original Color

52.3802, 62.3991, 22.9192

Protanomaly

55.4152, 62.4853, 22.5048

Deuteranomaly

58.7083, 61.6489, 23.2732

Tritanomaly

58.0315, 61.7640, 50.4580

Monochromacy



Original Color

52.3802, 62.3991, 22.9192

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

53.3429, 59.1123, 44.6747

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3802, 62.3991, 22.9192 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(207, 214, 106)` looks like.

```
.text, #text, p{  
    color:rgb(207, 214, 106)  
}
```

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(207, 214, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 214, 106) }
```

Border

The CSS property to change the border of an element to XYZ 52.3802, 62.3991, 22.9192 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(207, 214, 106) }
```


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

```
.border{ border-color:rgb(207, 214, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 214, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 214, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 214, 106);  
box-shadow:4px 4px 4px 4px rgb(207, 214,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3802, 62.3991, 22.9192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 214, 106) }
```

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

```
.background{ background-color: rgb(207,  
214, 106) }
```

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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