

Converting Colors

XYZ(52.2617, 54.9320, 22.3165)

Have a look what the booklet for
XYZ(52.2617, 54.9320, 22.3165)
contains.

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Color

**XYZ(52.2617, 54.9320,
22.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC16D
RGB	223, 193, 109
RGB Percent	87%, 76%, 43%
CMY	0.1255, 0.2431, 0.5725
CMYK	0.00, 0.13, 0.51, 0.13
HSL	44°, 64%, 65%
HSV	44°, 51%, 87%
XYZ	52.2617, 54.9320, 22.3165
YIQ	192.3940, 44.8440, -19.7640

Conversions

Conversions Part 2

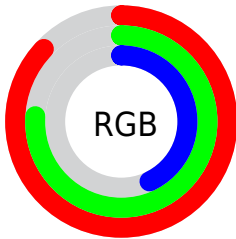
Format	Color
RYB	150, 223, 109
Decimal	14664045
CIELab	79.00, 0.13, 45.88
CIELCh	79, 45.877, 89.835
Yxy	54.9320, 0.4035, 0.4242
Android (android.graphics.Color)	4292854125 (0xFFDFC16D)
YUV	192.3940, -41.1132, 26.8415
Hunter-Lab	74.1161, -3.8370, 34.0290

Details

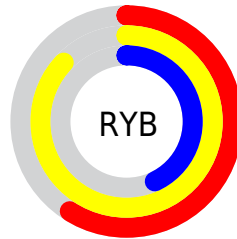
The XYZ color **52.2617, 54.9320, 22.3165** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **28.8583, 27.0433, 73.5107**, and the grayscale version is **50.5491, 53.1816, 57.9148**.

A 20% lighter version of the original color is **81.6373, 91.6200, 47.5641**, and **25.6589, 27.0610, 7.8739** is the 20% darker color. If you saturate the color by 10%, you get **49.9392, 51.9706, 16.3525**, and if you desaturate by 10%, it is **54.9428, 58.1233, 29.9035**.

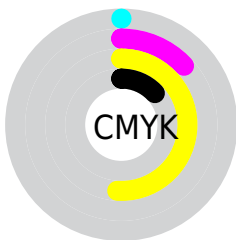
Distribution



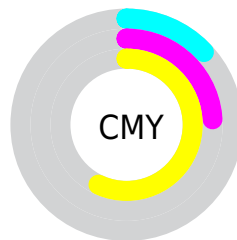
- Red (87%)
- Green (76%)
- Blue (43%)



- Red (59%)
- Yellow (87%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (51%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2617, 54.9320, 22.3165 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 52.2617, 54.9320, 22.3165 by changing the saturation by 10% instead.

■ 52.2617, 54.9320,
22.3165

■ 52.2617, 54.9320,
22.3165

385.7535,
405.6541, 277.2019

■ 37.4388, 39.3473,
13.8891

■ 92.6890, 97.4413,
48.1774

■ 25.7227, 27.0300,
7.9057

■ 119.0242,
125.1347, 66.4480

■ 16.7479, 17.5958,
3.9478

■ 149.9275,
157.6331, 88.8368

■ 10.1491, 10.6602,
1.5967

■ 185.7643,
195.3209, 115.7623

■ 5.5609, 5.8388,
0.2885

226.8999,
238.5825, 147.6430

■ 2.6181, 2.7473,
0.0000

273.6997,

■ 0.9552, 1.0013,

287.8023, 184.8975

0.0000

326.5292,
343.3647, 227.9443

■ 0.0000, 0.0000,
0.0000

■ 52.2617, 54.9320,
22.3165

■ 52.2617, 54.9320,
22.3165

■ 49.9392, 51.9706,
16.3525

■ 54.9428, 58.1233,
29.9035

■ 47.9473, 49.2208,
11.8842

■ 58.0003, 61.5464,
39.2213

■ 46.2597, 46.6732,
8.7708

■ 61.4551, 65.2126,
50.3720

■ 44.8438, 44.3136,
6.8425

■ 65.3255, 69.1301,
63.4490

■ 43.7652, 42.3557,
5.8688

■ 69.6286, 73.3066,
78.5393

■ 74.3804, 77.7495,
95.7245

■ 77.9262, 81.7976,
106.2891

■ 79.6251, 85.1955,
106.8554

■ 81.3800, 88.7052,
107.4404

Harmonies

Analogous

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



61.5349, 54.9320, 26.0327



52.2617, 54.9320, 22.3165



43.9583, 54.9320, 25.9498

Triad

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



52.2617, 54.9320, 22.3165



38.4201, 54.9320, 88.4611



68.9004, 54.9320, 88.7864

Complementary

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



52.2617, 54.9320, 22.3165



28.8583, 27.0433, 73.5107

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.



61.4374, 54.9320, 114.8582



52.2617, 54.9320, 22.3165



43.8804, 54.9320, 114.6351

Square

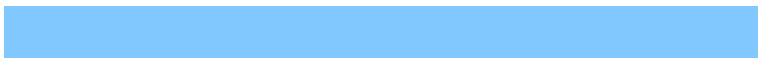
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.2617, 54.9320, 22.3165



36.5554, 54.9320, 59.6672



52.1608, 54.9320, 125.4595



71.7991, 54.9320, 59.9563

Rectangle

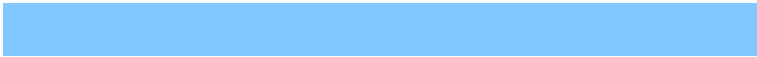
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.2617, 54.9320, 22.3165



39.9162, 54.9320, 32.8994



52.1608, 54.9320, 125.4595



66.8026, 54.9320, 98.4357

Sweetspot

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



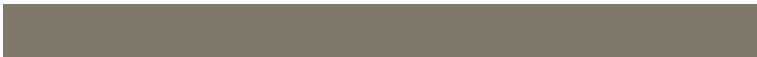
52.2630, 54.9346, 22.3176



86.3649, 91.5229, 78.5890



40.5899, 28.5016, 27.9423



18.2474, 19.3484, 16.0165



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.



52.2630, 54.9346, 22.3176



67.5788, 70.2996, 21.9249



52.0173, 65.6689, 24.4025



14.5507, 15.3873, 14.5099



25.8301, 25.0981, 3.4830



1.8622, 1.8832, 0.2653

Inverse Universe

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



28.8583, 27.0433, 73.5107



32.6781, 28.7646, 98.4375



28.8770, 21.4665, 72.4333



13.2439, 13.8268, 17.3585



8.8201, 5.1097, 41.5698



0.6836, 0.4986, 2.9055

Previews

White Background



This preview shows how the XYZ color 52.2617, 54.9320, 22.3165 looks on a white background.

Color Contrast Check

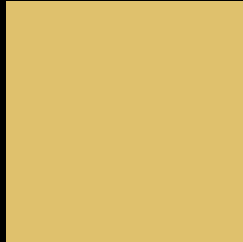
Large Text (above 18pt) WCAG AA × Fail

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 52.2617, 54.9320, 22.3165 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 52.2617, 54.9320, 22.3165

Background



This preview shows how black text looks on a background with the XYZ color 52.2617, 54.9320, 22.3165.



This preview shows how white text looks on a background with the XYZ color 52.2617, 54.9320,

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

52.2617, 54.9320, 22.3165

Protanopia

50.5787, 55.0527, 22.7123

Deuteranopia

56.1814, 55.0172, 22.4101



Tritanopia

59.9665, 54.8871, 60.2570

Trichromacy



Original Color

52.2617, 54.9320, 22.3165

Protanomaly

51.2430, 55.0614, 22.6790

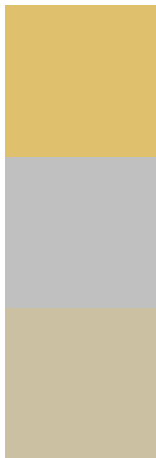
Deuteranomaly

54.6163, 54.8446, 22.4593

Tritanomaly

56.5568, 54.7512, 43.1845

Monochromacy



Original Color

52.2617, 54.9320, 22.3165

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.9998, 53.0044, 41.7780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2617, 54.9320, 22.3165 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(223, 193, 109)` looks like.

```
.text, #text, p{  
    color:rgb(223, 193, 109)  
}
```

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(223, 193, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 193, 109) }
```

Border

The CSS property to change the border of an element to XYZ 52.2617, 54.9320, 22.3165 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(223, 193, 109) }
```


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

```
.border{ border-color:rgb(223, 193, 109) }
```

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

Here you see how a box with a 4 pixel rgb(223, 193, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 193, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 193, 109);  
box-shadow:4px 4px 4px 4px rgb(223, 193,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2617, 54.9320, 22.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 193, 109) }
```

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

```
.background{ background-color: rgb(223,  
193, 109) }
```

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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