

Converting Colors

XYZ(52.9355, 58.3417, 22.1068)

Have a look what the booklet for
XYZ(52.9355, 58.3417, 22.1068)
contains.

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Color

**XYZ(52.9355, 58.3417,
22.1068)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCA6A
RGB	219, 202, 106
RGB Percent	86%, 79%, 42%
CMY	0.1412, 0.2078, 0.5843
CMYK	0.00, 0.08, 0.52, 0.14
HSL	51°, 61%, 64%
HSV	51°, 52%, 86%
XYZ	52.9355, 58.3417, 22.1068
YIQ	196.1390, 40.9480, -26.2520

Conversions

Conversions Part 2

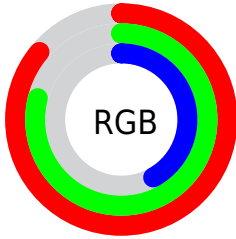
Format	Color
R _Y B	126, 219, 106
Decimal	14404202
CIE Lab	80.93, -6.42, 49.57
CIE LCh	81, 49.983, 97.378
Yxy	58.3417, 0.3969, 0.4374
Android (android.graphics.Color)	4292594282 (0xFFD8CA6A)
YUV	196.1390, -44.4385, 20.0491
Hunter-Lab	76.3817, -9.9606, 36.3072

Details

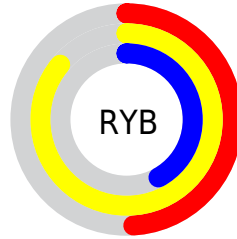
The XYZ color **52.9355, 58.3417, 22.1068** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.8130, 22.3440, 69.9701**, and the grayscale version is **52.7952, 55.5447, 60.4881**.

A 20% lighter version of the original color is **83.2580, 95.2832, 46.8042**, and **26.1561, 29.1275, 7.7336** is the 20% darker color. If you saturate the color by 10%, you get **51.1749, 56.4162, 16.6009**, and if you desaturate by 10%, it is **55.0063, 60.4220, 29.1521**.

Distribution



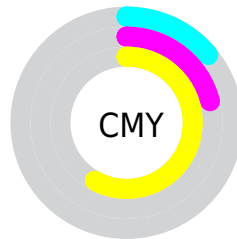
- Red (86%)
- Green (79%)
- Blue (42%)



- Red (49%)
- Yellow (86%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (52%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9355, 58.3417, 22.1068 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 52.9355, 58.3417, 22.1068 by changing the saturation by 10% instead.

■ 52.9355, 58.3417,
22.1068

■ 52.9355, 58.3417,
22.1068

388.3025,
418.4580, 276.0752

■ 37.9786, 42.0834,
13.7363

■ 93.6755, 102.4203,
47.8269

■ 26.1432, 29.1666,
7.8009

■ 120.1893,
131.0094, 66.0136

■ 17.0640, 19.2069,
3.8818

■ 151.2861,
164.4775, 88.3095

■ 10.3757, 11.8199,
1.5608

■ 187.3313,
203.2091, 115.1331

■ 5.7130, 6.6211,
0.2626

228.6901,
247.5886, 146.9029

■ 2.7103, 3.2263,
0.0000

275.7281,

■ 1.0025, 1.2510,

298.0003, 184.0375

0.0000

328.8104,
354.8286, 226.9554

■ 0.0000, 0.1028,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9355, 58.3417,
22.1068

■ 52.9355, 58.3417,
22.1068

■ 51.1749, 56.4162,
16.6009

■ 55.0063, 60.4220,
29.1521

■ 49.6974, 54.6280,
12.5116


■ 57.4032, 62.6571,
37.8396


■ 48.4786, 52.9694,
9.7036


■ 60.1464, 65.0575,
48.2676


■ 47.4871, 51.4276,
8.0134


■ 63.2528, 67.6300,
60.5255


 46.7856, 50.2045,
7.2246

 66.7383, 70.3812,
74.6967

 70.6180, 73.3172,
90.8594

 74.2051, 76.1636,
105.3978

 75.1045, 77.9623,
105.6975

 76.0211, 79.7956,
106.0031

Harmonies

Analogous

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



63.4651, 58.3417, 24.1001



52.9355, 58.3417, 22.1068



44.2264, 58.3417, 28.1429

Triad

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



52.9355, 58.3417, 22.1068



41.0928, 58.3417, 104.7883



75.9261, 58.3417, 88.0677

Complementary

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



52.9355, 58.3417, 22.1068



25.8130, 22.3440, 69.9701

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.



68.4326, 58.3417, 120.4353



52.9355, 58.3417, 22.1068



48.1435, 58.3417, 131.9982

Square

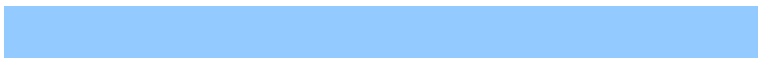
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.9355, 58.3417, 22.1068



37.9639, 58.3417, 71.1279



58.0471, 58.3417, 138.4740



77.6236, 58.3417, 56.4827

Rectangle

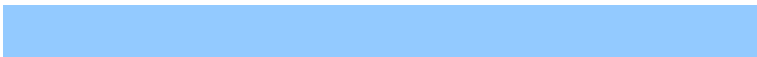
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.9355, 58.3417, 22.1068



40.3220, 58.3417, 37.4849



58.0471, 58.3417, 138.4740



73.9601, 58.3417, 99.4724

Sweetspot

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



52.9369, 58.3444, 22.1080



87.6841, 94.1611, 79.0288



38.0589, 26.8452, 22.5228



18.5675, 19.9887, 16.1232



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.



52.9369, 58.3444, 22.1080



72.0312, 79.3977, 22.8137



47.0677, 61.5678, 23.0395



13.9867, 14.9127, 13.8668



27.8060, 29.8975, 4.3053



1.8476, 2.0294, 0.2943

Inverse Universe

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



25.8130, 22.3440, 69.9701



29.7674, 23.3524, 97.5463



29.3843, 21.3226, 69.5847



12.4960, 12.9317, 16.4896



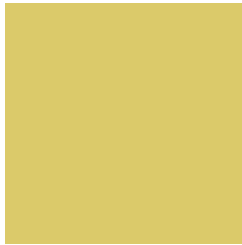
7.9527, 3.7749, 40.0479



0.5661, 0.3463, 2.6115

Previews

White Background



This preview shows how the XYZ color 52.9355, 58.3417, 22.1068 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 52.9355, 58.3417, 22.1068 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 52.9355, 58.3417, 22.1068

Background



This preview shows how black text looks on a background with the XYZ color 52.9355, 58.3417, 22.1068.

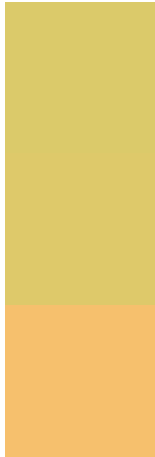


This preview shows how white text looks on a background with the XYZ color 52.9355, 58.3417,

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

52.9355, 58.3417, 22.1068

Protanopia

53.6124, 58.3435, 22.0714

Deuteranopia

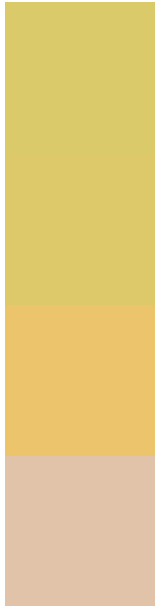
59.6160, 58.3962, 22.5975



Tritanopia

62.0845, 58.3758, 66.3880

Trichromacy



Original Color

52.9355, 58.3417, 22.1068

Protanomaly

53.3070, 58.1860, 22.0571

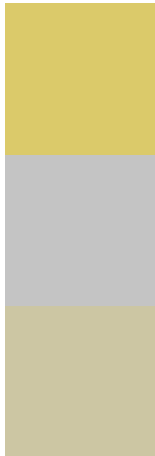
Deuteranomaly

57.0388, 58.3954, 22.4525

Tritanomaly

57.8221, 57.9400, 46.1662

Monochromacy



Original Color

52.9355, 58.3417, 22.1068

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.7068, 55.8699, 42.7091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9355, 58.3417, 22.1068 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(219, 202, 106)` looks like.

```
.text, #text, p{  
    color:rgb(219, 202, 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(219, 202, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 202, 106) }
```

Border

The CSS property to change the border of an element to XYZ 52.9355, 58.3417, 22.1068 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(219, 202, 106) }
```


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

```
.border{ border-color:rgb(219, 202, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 202, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 202, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 202, 106);  
box-shadow:4px 4px 4px 4px rgb(219, 202,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9355, 58.3417, 22.1068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 202, 106) }
```

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

```
.background{ background-color: rgb(219,  
202, 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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