

Converting Colors

XYZ(52.9024, 66.1947, 21.2985)

Have a look what the booklet for
XYZ(52.9024, 66.1947, 21.2985)
contains.

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Color

**XYZ(52.9025, 66.1950,
21.2979)**

Conversions

Conversions Part 1

Format	Color
Hex	CADF61
RGB	202, 223, 97
RGB Percent	79%, 87%, 38%
CMY	0.2078, 0.1255, 0.6196
CMYK	0.09, 0.00, 0.57, 0.13
HSL	70°, 66%, 63%
HSV	70°, 57%, 87%
XYZ	52.9025, 66.1950, 21.2979
YIQ	202.3570, 27.9300, -43.6380

Conversions

Conversions Part 2

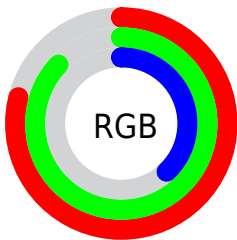
Format	Color
RYB	97, 223, 118
Decimal	13295457
CIELab	85.10, -24.47, 58.21
CIELCh	85, 63.139, 112.799
Yxy	66.1950, 0.3768, 0.4715
Android (android.graphics.Color)	4291485537 (0xFFCADF61)
YUV	202.3570, -51.9410, -0.3131
Hunter-Lab	81.3603, -26.3154, 41.4317

Details

The XYZ color **52.9025, 66.1950, 21.2979** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.0675, 17.7303, 71.9171**, and the grayscale version is **56.6659, 59.6170, 64.9229**.

A 20% lighter version of the original color is **82.5859, 95.0144, 43.2650**, and **26.0976, 34.1922, 7.4147** is the 20% darker color. If you saturate the color by 10%, you get **51.0122, 65.3264, 16.5241**, and if you desaturate by 10%, it is **55.1125, 67.1990, 27.6146**.

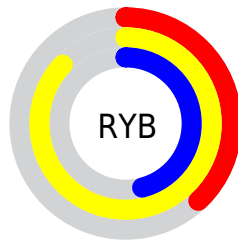
Distribution



Red (79%)

Green (87%)

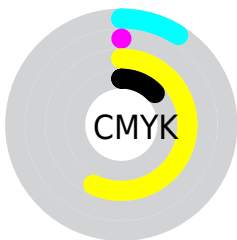
Blue (38%)



Red (38%)

Yellow (87%)

Blue (46%)

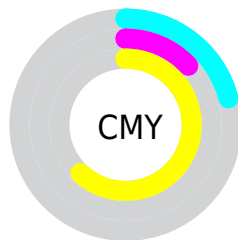


Cyan (9%)

Magenta (0%)

Yellow (57%)

Black (13%)



Cyan (21%)

Magenta (13%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9025, 66.1950, 21.2979 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 52.9025, 66.1950, 21.2979 by changing the saturation by 10% instead.

■ 52.9025, 66.1950,
21.2979

■ 52.9025, 66.1950,
21.2979

388.1779,
447.0739, 271.6903

■ 37.9521, 48.4307,
13.1486

■ 93.6273, 113.7662,
46.4700

■ 26.1226, 34.1681,
7.3990

■ 120.1323,
144.3418, 64.3299

■ 17.0485, 23.0228,
3.6307

■ 151.2197,
179.9568, 86.2636

■ 10.3646, 14.6103,
1.4250

■ 187.2546,
220.9953, 112.6899

■ 5.7055, 8.5464,
0.1611

228.6026,
267.8419, 144.0271

■ 2.7058, 4.4465,
0.0000

275.6289,

■ 1.0002, 1.9263,

320.8810, 180.6939

0.0000

328.6989,
380.4968, 223.1088

0.0000, 0.5641,
0.0000

0.0000, 0.0000,
0.0000

52.9025, 66.1950,
21.2979

52.9025, 66.1950,
21.2979

51.0122, 65.3264,
16.5241

55.1125, 67.1990,
27.6146

49.4114, 64.5741,
13.1563


57.6598, 68.3384,
35.5875


48.0721, 63.9291,
11.0410

60.5664, 69.6243,
45.3238


46.9570, 63.3765,
9.9820


63.8508, 71.0642,
56.9206


 46.5972, 63.1960,
9.7421

 67.5304, 72.6650,
70.4682

 71.6212, 74.4332,
86.0506

 76.1384, 76.3749,
103.7472

 77.6341, 77.1109,
105.3999

 78.8520, 77.7388,
105.4569

Harmonies

Analogous

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



66.4070, 66.1950, 18.9491



52.9025, 66.1950, 21.2979



43.5499, 66.1950, 34.3336

Triad

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



52.9025, 66.1950, 21.2979



47.7874, 66.1950, 154.1944



94.1367, 66.1950, 82.3452

Complementary

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



52.9025, 66.1950, 21.2979



25.0675, 17.7303, 71.9171

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.



87.3111, 66.1950, 130.5595



52.9025, 66.1950, 21.2979



59.5502, 66.1950, 181.0538

Square

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



52.9025, 66.1950, 21.2979



40.9222, 66.1950, 106.8860



74.1203, 66.1950, 171.0757



91.6459, 66.1950, 45.7849

Rectangle

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



52.9025, 66.1950, 21.2979



40.2401, 66.1950, 51.3055



74.1203, 66.1950, 171.0757



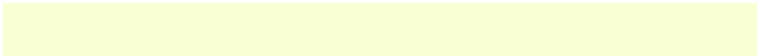
92.8249, 66.1950, 97.8070

Sweetspot

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



52.9041, 66.1980, 21.2993



86.2306, 96.1708, 76.0741



39.0699, 29.5098, 14.9469



18.2564, 20.4969, 15.5644



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.



52.9041, 66.1980, 21.2993



68.6609, 88.3068, 21.3292



39.1952, 59.1308, 20.6577



14.6357, 15.9079, 14.6059



27.4797, 37.1988, 5.7318



1.9651, 2.6095, 0.4001

Inverse Universe

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



25.0675, 17.7303, 71.9171



27.5310, 16.5421, 96.3496



36.6523, 23.7024, 72.4592



13.1639, 13.3525, 17.2712



8.3477, 3.3987, 41.2644



0.6439, 0.2693, 2.8633

Previews

White Background



This preview shows how the XYZ color 52.9025, 66.1950, 21.2979 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 52.9025, 66.1950, 21.2979 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

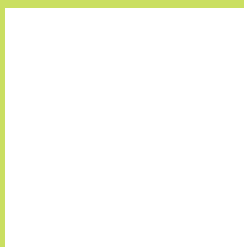
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9025, 66.1950, 21.2979

Background



This preview shows how black text looks on a background with the XYZ color 52.9025, 66.1950, 21.2979.



This preview shows how white text looks on a background with the XYZ color 52.9025, 66.1950,

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

52.9025, 66.1950, 21.2979

Protanopia

60.1559, 65.7280, 20.1059

Deuteranopia

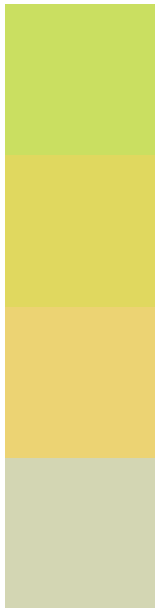
66.5988, 65.9521, 28.9586



Tritanopia

64.8468, 65.6908, 81.2133

Trichromacy



Original Color

52.9025, 66.1950, 21.2979

Protanomaly

57.3619, 65.7853, 20.5010

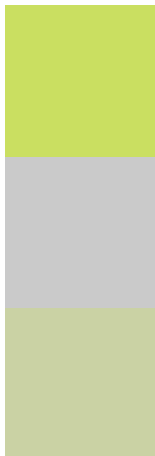
Deuteranomaly

60.9808, 65.6592, 25.6791

Tritanomaly

59.0472, 65.1967, 52.1199

Monochromacy



Original Color

52.9025, 66.1950, 21.2979

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.1046, 61.3301, 44.1082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9025, 66.1950, 21.2979 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(202, 223, 97)` looks like.

```
.text, #text, p{  
    color:rgb(202, 223, 97)  
}
```

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(202, 223, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 223, 97) }
```

Border

The CSS property to change the border of an element to XYZ 52.9025, 66.1950, 21.2979 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(202, 223, 97) }
```


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

```
.border{ border-color:rgb(202, 223, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 223, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 223, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 223, 97);  
box-shadow:4px 4px 4px 4px rgb(202, 223,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9025, 66.1950, 21.2979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 223, 97) }
```

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

```
.background{ background-color: rgb(202,  
223, 97) }
```

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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