

Converting Colors

XYZ(52.9049, 64.0658, 26.8498)

Have a look what the booklet for
XYZ(52.9049, 64.0658, 26.8498)
contains.

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Color

**XYZ(52.9700, 64.1473,
26.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	CBDA76
RGB	203, 218, 118
RGB Percent	80%, 85%, 46%
CMY	0.2039, 0.1451, 0.5372
CMYK	0.07, 0.00, 0.46, 0.15
HSL	69°, 57%, 66%
HSV	69°, 46%, 85%
XYZ	52.9700, 64.1473, 26.7294
YIQ	202.1150, 23.1600, -34.2800

Conversions

Conversions Part 2

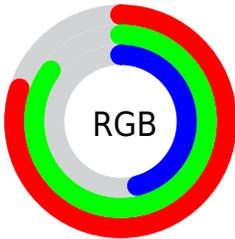
Format	Color
RYB	118, 218, 133
Decimal	13359734
CIELab	84.04, -19.75, 47.26
CIELCh	84, 51.219, 112.683
Yxy	64.1473, 0.3682, 0.4459
Android (android.graphics.Color)	4291549814 (0xFFCDBA76)
YUV	202.1150, -41.4687, 0.7761
Hunter-Lab	80.0920, -22.1075, 36.2773

Details

The XYZ color **52.9700, 64.1473, 26.7294** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.8086, 23.0070, 69.2558**, and the grayscale version is **56.4528, 59.3928, 64.6787**.

A 20% lighter version of the original color is **84.4464, 95.7586, 53.0622**, and **26.1132, 32.7908, 10.1072** is the 20% darker color. If you saturate the color by 10%, you get **50.9405, 63.2359, 20.6361**, and if you desaturate by 10%, it is **55.3209, 65.1939, 34.4030**.

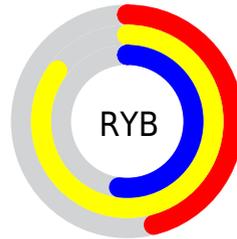
Distribution



Red (80%)

Green (85%)

Blue (46%)



Red (46%)

Yellow (85%)

Blue (52%)

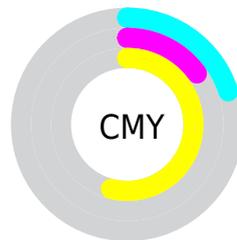


Cyan (7%)

Magenta (0%)

Yellow (46%)

Black (15%)



Cyan (20%)

Magenta (15%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9700, 64.1473, 26.7294 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 52.9700, 64.1473, 26.7294 by changing the saturation by 10% instead.

 52.9700, 64.1473,
26.7294

 52.9700, 64.1473,
26.7294

388.4328,
439.7214, 300.0631

 38.0062, 46.7700,
17.1395

 93.7260, 110.8230,
55.4478

 26.1647, 32.8539,
10.1710

 120.2489,
140.8903, 75.4133

 17.0803, 22.0145,
5.4054

 151.3556,
175.9563, 99.6744

 10.3874, 13.8676,
2.4242

187.4114,
216.4054, 128.6497

 5.7208, 8.0286,
0.7996

228.7817,
262.6221, 162.7577

 2.7151, 4.1133,
0.0000

275.8317,

 1.0049, 1.7371,

314.9907, 202.4169

0.0000

328.9270,
373.8957, 248.0459

0.0000, 0.4475,
0.0000

0.0000, 0.0000,
0.0000

52.9700, 64.1473,
26.7294

52.9700, 64.1473,
26.7294

50.9405, 63.2359,
20.6361

55.3209, 65.1939,
34.4030

49.2066, 62.4427,
16.0089

58.0074, 66.3748,
43.7524

47.7461, 61.7610,
12.7248

61.0487, 67.6997,
54.8705

46.5315, 61.1797,
10.6390

64.4610, 69.1752,
67.8421

 45.5286, 60.6853,
9.5723

 68.2593, 70.8073,
82.7466

 45.1512, 60.4964,
9.2973

 72.4581, 72.6019,
99.6587

 74.4550, 73.5180,
104.8739

 75.4901, 74.0516,
104.9224

 76.5448, 74.5953,
104.9717

Harmonies

Analogous

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



63.7793, 64.1473, 24.5235



52.9700, 64.1473, 26.7294



45.2727, 64.1473, 38.5082

Triad

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



52.9700, 64.1473, 26.7294



48.7250, 64.1473, 131.9347



85.1572, 64.1473, 78.0738

Complementary

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



52.9700, 64.1473, 26.7294



28.8086, 23.0070, 69.2558

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.



79.9318, 64.1473, 114.7632



52.9700, 64.1473, 26.7294



58.2446, 64.1473, 151.5202

Square

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



52.9700, 64.1473, 26.7294



43.0413, 64.1473, 96.6918



69.7377, 64.1473, 144.4187



83.2924, 64.1473, 48.4943

Rectangle

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



52.9700, 64.1473, 26.7294



42.4922, 64.1473, 52.9134



69.7377, 64.1473, 144.4187



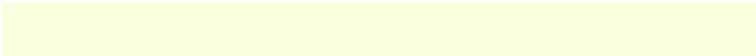
84.1517, 64.1473, 90.0517

Sweetspot

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



52.9716, 64.1502, 26.7307



87.8823, 96.9084, 81.2984



40.5732, 32.9903, 21.3697



18.5946, 20.6488, 16.5936



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.



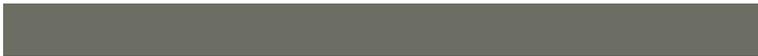
52.9716, 64.1502, 26.7307



72.7571, 90.2369, 29.7271



41.4806, 58.2264, 26.1930



13.9602, 15.1598, 13.9159



27.1214, 36.2791, 5.5731



1.8103, 2.3778, 0.3635

Inverse Universe

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



28.8086, 23.0070, 69.2558



34.2723, 24.6416, 97.5577



38.6639, 28.0876, 69.7170



12.5196, 12.7105, 16.4456



8.0081, 3.2525, 39.9441



0.5774, 0.2409, 2.5905

Previews

White Background



This preview shows how the XYZ color 52.9700, 64.1473, 26.7294 looks on a white background.

Color Contrast Check

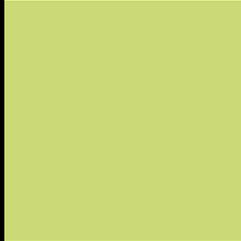
Large Text (above 18pt) WCAG AA × Fail

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 52.9700, 64.1473, 26.7294 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 52.9700, 64.1473, 26.7294

Background



This preview shows how black text looks on a background with the XYZ color 52.9700, 64.1473, 26.7294.



This preview shows how white text looks on a background with the XYZ color 52.9700, 64.1473,

26.7294.

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

52.9700, 64.1473, 26.7294

Protanopia

58.5281, 63.6617, 25.4228

Deuteranopia

65.4071, 63.9737, 27.3132



Tritanopia

63.2805, 63.8636, 78.0989

Trichromacy



Original Color

52.9700, 64.1473, 26.7294

Protanomaly

56.2111, 63.5636, 25.8294

Deuteranomaly

60.3561, 63.8390, 27.2302

Tritanomaly

58.5623, 63.4028, 54.4988

Monochromacy



Original Color

52.9700, 64.1473, 26.7294

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.2637, 60.6086, 47.3667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9700, 64.1473, 26.7294 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(203, 218, 118)` looks like.

```
.text, #text, p{  
    color:rgb(203, 218, 118)  
}
```

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(203, 218, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 218, 118) }
```

Border

The CSS property to change the border of an element to XYZ 52.9700, 64.1473, 26.7294 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(203, 218, 118) }
```

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

```
.border{ border-color:rgb(203, 218, 118) }
```

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

Here you see how a box with a 4 pixel rgb(203, 218, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 218, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 218, 118);  
box-shadow:4px 4px 4px 4px rgb(203, 218,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9700, 64.1473, 26.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 218, 118) }
```

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

```
.background{ background-color: rgb(203,  
218, 118) }
```

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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