

Converting Colors

XYZ(53.4725, 64.3756, 35.1990)

Have a look what the booklet for
XYZ(53.4725, 64.3756, 35.1990)
contains.

XYZ(53.2426, 64.1016, 35.1578)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.2426, 64.1016,
35.1578)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DA8E
RGB	198, 218, 142
RGB Percent	78%, 85%, 56%
CMY	0.2235, 0.1451, 0.4431
CMYK	0.09, 0.00, 0.35, 0.15
HSL	76°, 51%, 71%
HSV	76°, 35%, 85%
XYZ	53.2426, 64.1016, 35.1578
YIQ	203.3560, 12.4760, -27.8760

Conversions

Conversions Part 2

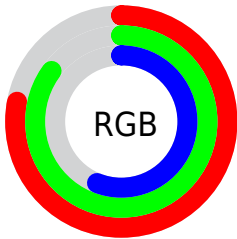
Format	Color
RYB	142, 218, 162
Decimal	13032078
CIELab	84.02, -18.94, 35.24
CIELCh	84, 40.006, 118.264
Yxy	64.1016, 0.3491, 0.4203
Android (android.graphics.Color)	4291222158 (0xFFC6DA8E)
YUV	203.3560, -30.2485, -4.6972
Hunter-Lab	80.0635, -21.4077, 30.0088

Details

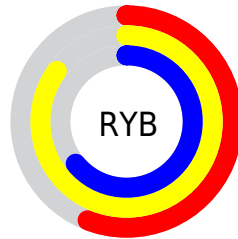
The XYZ color **53.2426, 64.1016, 35.1578** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2307, 32.0910, 70.5653**, and the grayscale version is **57.1688, 60.1460, 65.4990**.

A 20% lighter version of the original color is **86.9638, 96.7655, 66.3187**, and **26.3132, 32.7894, 14.8397** is the 20% darker color. If you saturate the color by 10%, you get **50.2799, 62.7473, 27.2949**, and if you desaturate by 10%, it is **56.5860, 65.6192, 44.7120**.

Distribution



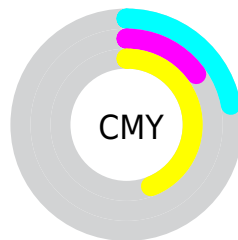
- Red (78%)
- Green (85%)
- Blue (56%)



- Red (56%)
- Yellow (85%)
- Blue (64%)



- Cyan (9%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)





- Cyan (22%)
- Magenta (15%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2426, 64.1016, 35.1578 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 53.2426, 64.1016, 35.1578 by changing the saturation by 10% instead.


 53.2426, 64.1016,
35.1578


 53.2426, 64.1016,
35.1578


389.4608,
439.5564, 340.1897

 38.2247, 46.7330,
23.4999


 94.1247, 110.7572,
68.8845

 26.3352, 32.8246,
14.7543


 120.7196,
140.8130, 91.7904

 17.2085, 21.9921,
8.5024


151.9043,
175.8667, 119.2827

 10.4795, 13.8511,
4.3257

188.0440,
216.3026, 151.7800

 5.7827, 8.0172,
1.8057

229.5041,
262.5051, 189.7008

 2.7528, 4.1059,
0.4317

276.6501,

 1.0244, 1.7330,

314.8587, 233.4637

0.0000

329.8472,
373.7476, 283.4871

0.0000, 0.4449,
0.0000

0.0000, 0.0000,
0.0000

53.2426, 64.1016,
35.1578

53.2426, 64.1016,
35.1578

50.2799, 62.7473,
27.2949

56.5860, 65.6192,
44.7120

47.6736, 61.5399,
21.0205

60.3232, 67.2988,
56.0441

45.4041, 60.4736,
16.2270

64.4722, 69.1500,
69.2399

43.4474, 59.5390,
12.7916

69.0487, 71.1789,
84.3780

■ 41.7759, 58.7246,
10.5720

■ 74.0674, 73.3917,
101.5330

■ 40.3558, 58.0172,
9.3941

■ 76.5411, 74.5934,
104.9715

■ 39.6949, 57.6836,
9.0419

■ 78.4390, 75.5718,
105.0604

■ 80.3984, 76.5819,
105.1521

■ 82.4197, 77.6239,
105.2467

Harmonies

Analogous

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



61.4420, 64.1016, 31.6304



53.2426, 64.1016, 35.1578



47.6098, 64.1016, 47.2354

Triad

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



53.2426, 64.1016, 35.1578



52.4332, 64.1016, 119.7964



79.5015, 64.1016, 71.2778

Complementary

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



53.2426, 64.1016, 35.1578



37.2307, 32.0910, 70.5653

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.



76.5205, 64.1016, 98.5922



53.2426, 64.1016, 35.1578



60.4142, 64.1016, 130.4791

Square

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



53.2426, 64.1016, 35.1578



47.1752, 64.1016, 95.4178



69.3166, 64.1016, 121.9185



77.1202, 64.1016, 49.2277

Rectangle

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



53.2426, 64.1016, 35.1578



45.7829, 64.1016, 60.3740



69.3166, 64.1016, 121.9185



79.0881, 64.1016, 80.1500

Sweetspot

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



53.2442, 64.1044, 35.1592



88.7864, 97.2143, 88.5800



46.5431, 42.3501, 31.3133



18.8261, 20.7284, 18.3964



0.0000, 0.0000, 0.0000



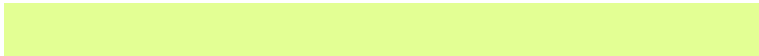
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.2442, 64.1044, 35.1592



72.7160, 89.9549, 41.5060



44.6540, 59.6760, 34.7572



13.8104, 15.0825, 13.9089



23.8862, 34.6113, 5.4217



1.6268, 2.2832, 0.3550

Inverse Universe

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



37.2307, 32.0910, 70.5653



46.5491, 37.6091, 99.4136



45.8833, 36.5516, 70.9702



12.6585, 12.7821, 16.4521



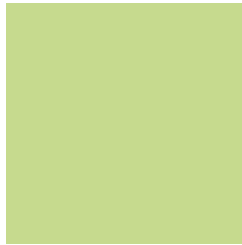
8.6922, 3.6052, 39.9761



0.6439, 0.2752, 2.5936

Previews

White Background



This preview shows how the XYZ color 53.2426, 64.1016, 35.1578 looks on a white background.

Color Contrast Check

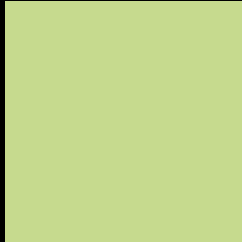
Large Text (above 18pt) WCAG AA × Fail

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 53.2426, 64.1016, 35.1578 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 53.2426, 64.1016, 35.1578

Background



This preview shows how black text looks on a background with the XYZ color 53.2426, 64.1016, 35.1578.



This preview shows how white text looks on a background with the XYZ color 53.2426, 64.1016,

35.1578.

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

53.2426, 64.1016, 35.1578

Protanopia

59.0665, 63.7668, 33.2398

Deuteranopia

64.9095, 63.5236, 36.0343



Tritanopia

62.3049, 64.0489, 79.5999

Trichromacy



Original Color

53.2426, 64.1016, 35.1578

Protanomaly

56.5226, 63.5500, 33.7134

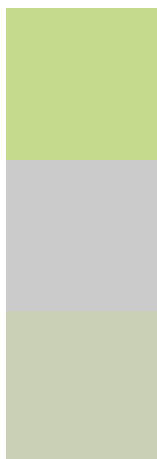
Deuteranomaly

60.0568, 63.4930, 35.8781

Tritanomaly

58.4579, 63.9611, 60.3036

Monochromacy



Original Color

53.2426, 64.1016, 35.1578

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

54.9838, 60.8655, 52.5663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2426, 64.1016, 35.1578 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(198, 218, 142)` looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 142)  
}
```

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(198, 218, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 142) }
```

Border

The CSS property to change the border of an element to XYZ 53.2426, 64.1016, 35.1578 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(198, 218, 142) }
```


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

```
.border{ border-color:rgb(198, 218, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 142);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2426, 64.1016, 35.1578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 142) }
```

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

```
.background{ background-color: rgb(198,  
218, 142) }
```

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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