

Converting Colors

XYZ(52.0473, 53.4776, 35.6809)

Have a look what the booklet for
XYZ(52.0473, 53.4776, 35.6809)
contains.

XYZ(52.0777, 53.5640, 35.6111)	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(52.0777, 53.5640,
35.6111)**

Conversions

Conversions Part 1

Format	Color
Hex	D8BE94
RGB	216, 190, 148
RGB Percent	85%, 75%, 58%
CMY	0.1529, 0.2549, 0.4196
CMYK	0.00, 0.12, 0.31, 0.15
HSL	37°, 47%, 71%
HSV	37°, 31%, 85%
XYZ	52.0777, 53.5640, 35.6111
YIQ	192.9860, 28.9780, -7.5500

Conversions

Conversions Part 2

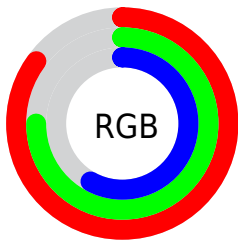
Format	Color
R _Y B	190, 216, 148
Decimal	14204564
CIE Lab	78.21, 3.08, 24.63
CIE LCh	78, 24.821, 82.875
Yxy	53.5640, 0.3687, 0.3792
Android (android.graphics.Color)	4292394644 (0xFFD8BE94)
YUV	192.9860, -22.1781, 20.1833
Hunter-Lab	73.1874, -1.0634, 22.3822

Details

The XYZ color **52.0777, 53.5640, 35.6111** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.7431, 41.5247, 70.8863**, and the grayscale version is **50.7958, 53.4412, 58.1974**.

A 20% lighter version of the original color is **84.8564, 91.4358, 69.0536**, and **25.6005, 26.2280, 15.0225** is the 20% darker color. If you saturate the color by 10%, you get **48.7873, 49.4686, 26.8519**, and if you desaturate by 10%, it is **55.7913, 57.9947, 46.0866**.

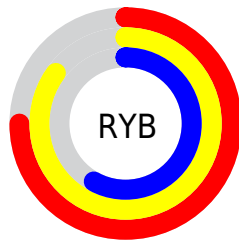
Distribution



Red (85%)

Green (75%)

Blue (58%)



Red (75%)

Yellow (85%)

Blue (58%)

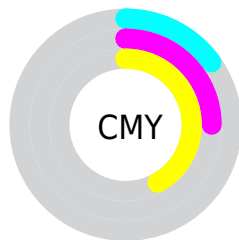


Cyan (0%)

Magenta (12%)

Yellow (31%)

Black (15%)



Cyan (15%)

Magenta (25%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0777, 53.5640, 35.6111 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 52.0777, 53.5640, 35.6111 by changing the saturation by 10% instead.


 52.0777, 53.5640,
35.6111


 52.0777, 53.5640,
35.6111


385.0555,
400.4452, 342.2434

 37.2915, 38.2532,
23.8467


 92.4194, 95.4338,
69.5937

 25.6080, 26.1793,
15.0088


 118.7056,
122.7615, 92.6489

 16.6618, 16.9578,
8.6789


149.5559,
154.8637, 120.3048

 10.0874, 10.2044,
4.4384

185.3355,
192.1248, 152.9799

 5.5197, 5.5347,
1.8688

226.4100,
234.9291, 191.0928

 2.5931, 2.5643,
0.4728

273.1446,

 0.9425, 0.9087,

283.6610, 235.0620

0.0000

325.9046,
338.7049, 285.3060

■ 0.0000, 0.0000,
0.0000

■ 52.0777, 53.5640,
35.6111

■ 52.0777, 53.5640,
35.6111

■ 48.7873, 49.4686,
26.8519

■ 55.7913, 57.9947,
46.0866

■ 45.8965, 45.6906,
19.7114

■ 59.9419, 62.7630,
58.3619

■ 43.3854, 42.2212,
14.0874

■ 64.5479, 67.8807,
72.5192

■ 41.2305, 39.0483,
9.8643

■ 69.6251, 73.3566,
88.6346

■ 39.4050, 36.1582,
6.9100

■ 75.0268, 79.1345,
105.9279

■ 37.8771, 33.5353,
5.0663

■ 77.3966, 83.8743,
106.7179

■ 36.7651, 31.4912,
4.1407

■ 79.8770, 88.8351,
107.5447

■ 82.1290, 93.3390,
108.2953

Harmonies

Analogous

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



56.7560, 53.5640, 39.4960



52.0777, 53.5640, 35.6111



47.3675, 53.5640, 36.9934

Triad

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



52.0777, 53.5640, 35.6111



42.7847, 53.5640, 69.3451



58.7233, 53.5640, 75.9934

Complementary

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



52.0777, 53.5640, 35.6111



39.7431, 41.5247, 70.8863

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.



54.6269, 53.5640, 86.5875



52.0777, 53.5640, 35.6111



45.4817, 53.5640, 82.3430

Square

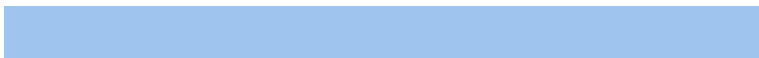
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0777, 53.5640, 35.6111



42.1978, 53.5640, 55.0683



49.7618, 53.5640, 89.0789



60.7479, 53.5640, 61.7015

Rectangle

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



52.0777, 53.5640, 35.6111



44.8194, 53.5640, 40.8406



49.7618, 53.5640, 89.0789



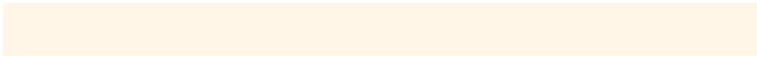
57.5309, 53.5640, 80.1921

Sweetspot

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



52.0791, 53.5665, 35.6122



88.8373, 93.1385, 89.6765



46.5558, 38.8380, 45.1218



18.8111, 19.7066, 18.5757



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.



52.0791, 53.5665, 35.6122



72.4803, 73.8524, 42.8277



55.9327, 64.6697, 37.5522



13.0556, 13.6854, 13.1141



21.8684, 18.8539, 2.4866



1.3979, 1.2949, 0.1763

Inverse Universe

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



39.7431, 41.5247, 70.8863



51.7175, 53.5937, 102.2266



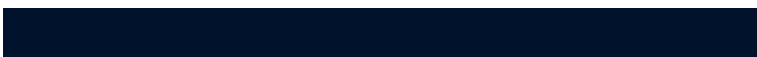
36.6826, 33.1997, 69.4407



12.1279, 12.7792, 15.7649



9.2447, 6.7512, 39.2690



0.6364, 0.5648, 2.3948

Previews

White Background



This preview shows how the XYZ color 52.0777, 53.5640, 35.6111 looks on a white background.

Color Contrast Check

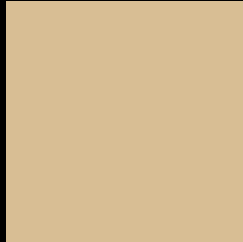
Large Text (above 18pt) WCAG AA × Fail

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 52.0777, 53.5640, 35.6111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

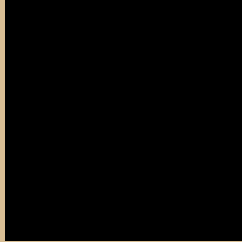
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.0777, 53.5640, 35.6111

Background



This preview shows how black text looks on a background with the XYZ color 52.0777, 53.5640, 35.6111.



This preview shows how white text looks on a background with the XYZ color 52.0777, 53.5640,

35.6111.

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

52.0777, 53.5640, 35.6111

Protanopia

50.2269, 53.5753, 36.1276

Deuteranopia

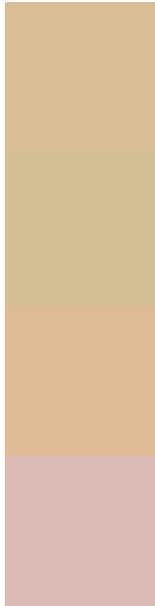
54.6623, 53.6186, 35.9022



Tritanopia

57.2507, 53.4738, 60.7301

Trichromacy



Original Color

52.0777, 53.5640, 35.6111

Protanomaly

50.8528, 53.5708, 36.0937

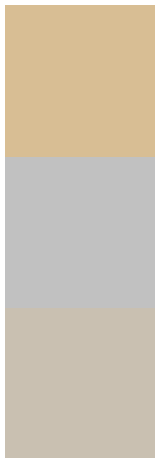
Deuteranomaly

53.6266, 53.3985, 35.9143

Tritanomaly

55.3123, 53.6287, 50.6161

Monochromacy



Original Color

52.0777, 53.5640, 35.6111

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.8728, 53.2911, 49.1999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0777, 53.5640, 35.6111 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(216, 190, 148)` looks like.

```
.text, #text, p{  
    color:rgb(216, 190, 148)  
}
```

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(216, 190, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 190, 148) }
```

Border

The CSS property to change the border of an element to XYZ 52.0777, 53.5640, 35.6111 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(216, 190, 148) }
```


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

```
.border{ border-color:rgb(216, 190, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 190, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 190, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 190, 148);  
box-shadow:4px 4px 4px 4px rgb(216, 190,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0777, 53.5640, 35.6111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 190, 148) }
```

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

```
.background{ background-color: rgb(216,  
190, 148) }
```

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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