

Converting Colors

XYZ(51.5335, 50.7069, 41.1839)

Have a look what the booklet for
XYZ(51.5335, 50.7069, 41.1839)
contains.

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Color

**XYZ(51.5684, 50.6635,
41.2435)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B6A2
RGB	216, 182, 162
RGB Percent	85%, 71%, 64%
CMY	0.1529, 0.2863, 0.3647
CMYK	0.00, 0.16, 0.25, 0.15
HSL	22°, 41%, 74%
HSV	22°, 25%, 85%
XYZ	51.5684, 50.6635, 41.2435
YIQ	189.8860, 26.6840, 0.9880

Conversions

Conversions Part 2

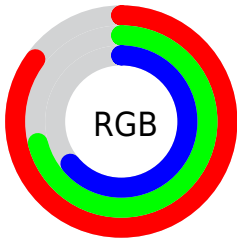
Format	Color
RYB	216, 194, 162
Decimal	14202530
CIELab	76.47, 9.21, 14.73
CIELCh	76, 17.371, 57.995
Yxy	50.6635, 0.3594, 0.3531
Android (android.graphics.Color)	4292392610 (0xFFD8B6A2)
YUV	189.8860, -13.7478, 22.9020
Hunter-Lab	71.1783, 4.7605, 15.4699

Details

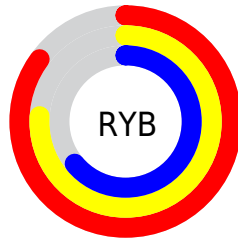
The XYZ color **51.5684, 50.6635, 41.2435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.0343, 52.1174, 72.5465**, and the grayscale version is **48.9449, 51.4939, 56.0768**.

A 20% lighter version of the original color is **84.3389, 87.4188, 78.0740**, and **25.1619, 24.2999, 18.1160** is the 20% darker color. If you saturate the color by 10%, you get **47.1602, 44.6602, 31.1011**, and if you desaturate by 10%, it is **56.5796, 57.3443, 53.2152**.

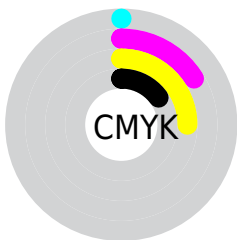
Distribution



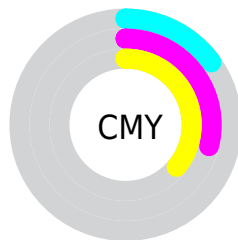
- Red (85%)
- Green (71%)
- Blue (64%)



- Red (85%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5684, 50.6635, 41.2435 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 51.5684, 50.6635, 41.2435 by changing the saturation by 10% instead.


 51.5684, 50.6635,
41.2435


 51.5684, 50.6635,
41.2435


383.1195,
389.2550, 367.0440

 36.8840, 35.9409,
28.1883

 91.6724, 91.1572,
78.3111

 25.2910, 24.3885,
18.2273


 117.8228,
117.6970, 103.1605

 16.4239, 15.6221,
10.9422


148.5259,
148.9447, 132.7784

 9.9173, 9.2571,
5.9143

184.1470,
185.2847, 167.5833

 5.4060, 4.9093,
2.7251

225.0516,
227.1013, 207.9938

 2.5246, 2.1941,
0.9560

271.6050,

 0.9077, 0.7168,

274.7790, 254.4284

0.0000

324.1725,
328.7021, 307.3056

■ 0.0000, 0.0000,
0.0000

■ 51.5684, 50.6635,
41.2435

■ 51.5684, 50.6635,
41.2435

■ 47.1602, 44.6602,
31.1011

■ 56.5796, 57.3443,
53.2152

■ 43.3264, 39.3053,
22.6934

■ 62.2128, 64.7165,
67.0978

■ 40.0420, 34.5779,
15.9223

■ 68.4910, 72.8026,
82.9719

■ 37.2784, 30.4528,
10.6782

■ 75.4348, 81.6217,
100.9126

■ 35.0038, 26.9033,
6.8381

■ 80.5534, 90.1879,
107.7701

■ 33.1824, 23.8999,
4.2595

■ 82.1289, 93.3389,
108.2953

■ 31.7717, 21.4097,
2.7685

■ 31.1890, 20.3390,
2.2820

Harmonies

Analogous

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



53.9297, 50.6635, 47.1262



51.5684, 50.6635, 41.2435



48.3747, 50.6635, 39.0357

Triad

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



51.5684, 50.6635, 41.2435



42.1325, 50.6635, 54.5355



51.1701, 50.6635, 72.6649

Complementary

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



51.5684, 50.6635, 41.2435



47.0343, 52.1174, 72.5465

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.



47.9342, 50.6635, 75.2161



51.5684, 50.6635, 41.2435



42.8064, 50.6635, 64.0673

Square

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



51.5684, 50.6635, 41.2435



43.0103, 50.6635, 46.1493



44.8940, 50.6635, 71.9095



53.6925, 50.6635, 65.2821

Rectangle

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



51.5684, 50.6635, 41.2435



46.2353, 50.6635, 39.7314



44.8940, 50.6635, 71.9095



50.1254, 50.6635, 74.1502

Sweetspot

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



51.5697, 50.6658, 41.2445



88.8273, 91.9418, 93.3006



51.2262, 44.4348, 58.2212



18.9025, 19.5358, 19.6968



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.



51.5697, 50.6658, 41.2445



71.6002, 69.0426, 51.9360



57.5921, 62.7106, 43.2520



12.7963, 13.1668, 13.0277



18.5557, 12.2286, 1.3824



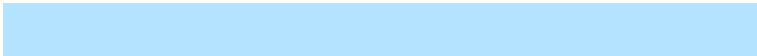
1.1972, 0.8935, 0.1094

Inverse Universe

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



47.0343, 52.1174, 72.5465



63.9012, 71.4966, 105.0400



41.5207, 41.0903, 70.7087



12.3875, 13.2985, 15.8515



12.6524, 13.5666, 40.4049



0.8411, 0.9743, 2.4630

Previews

White Background



This preview shows how the XYZ color 51.5684, 50.6635, 41.2435 looks on a white background.

Color Contrast Check

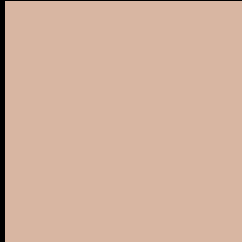
Large Text (above 18pt) WCAG AA × Fail

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 51.5684, 50.6635, 41.2435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

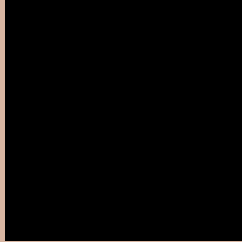
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5684, 50.6635, 41.2435

Background



This preview shows how black text looks on a background with the XYZ color 51.5684, 50.6635, 41.2435.



This preview shows how white text looks on a background with the XYZ color 51.5684, 50.6635,

41.2435.

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

51.5684, 50.6635, 41.2435

Protanopia

48.0635, 50.6888, 42.8480

Deuteranopia

51.8648, 50.8162, 41.2574



Tritanopia

54.6482, 50.7066, 56.7763

Trichromacy



Original Color

51.5684, 50.6635, 41.2435

Protanomaly

49.4366, 50.7773, 42.3174

Deuteranomaly

51.8648, 50.8162, 41.2574

Tritanomaly

53.3740, 50.4818, 50.6469

Monochromacy



Original Color

51.5684, 50.6635, 41.2435

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5617, 50.9780, 50.4076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5684, 50.6635, 41.2435 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, 182, 162)` looks like.

```
.text, #text, p{  
    color:rgb(216, 182, 162)  
}
```

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, 182, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 182, 162) }
```

Border

The CSS property to change the border of an element to XYZ 51.5684, 50.6635, 41.2435 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, 182, 162) }
```


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

```
.border{ border-color:rgb(216, 182, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 182, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 182, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 182, 162);  
box-shadow:4px 4px 4px 4px rgb(216, 182,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5684, 50.6635, 41.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 182, 162) }
```

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

```
.background{ background-color: rgb(216,  
182, 162) }
```

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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