

Converting Colors

XYZ(54.1263, 60.1765, 40.1506)

Have a look what the booklet for
XYZ(54.1263, 60.1765, 40.1506)
contains.

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Color

**XYZ(54.3260, 60.4358,
40.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CF9C
RGB	208, 207, 156
RGB Percent	82%, 81%, 61%
CMY	0.1843, 0.1882, 0.3882
CMYK	0.00, 0.00, 0.25, 0.18
HSL	59°, 36%, 71%
HSV	59°, 25%, 82%
XYZ	54.3260, 60.4358, 40.2545
YIQ	201.4850, 16.9670, -15.6490

Conversions

Conversions Part 2

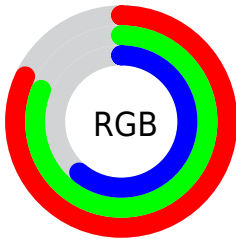
Format	Color
RYB	157, 208, 156
Decimal	13684636
CIELab	82.07, -7.79, 25.55
CIELCh	82, 26.712, 106.950
Yxy	60.4358, 0.3505, 0.3899
Android (android.graphics.Color)	4291874716 (0xFFD0CF9C)
YUV	201.4850, -22.4241, 5.7137
Hunter-Lab	77.7405, -11.3078, 23.7176

Details

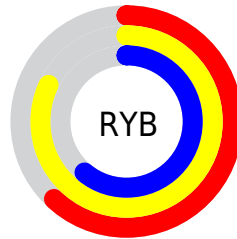
The XYZ color **54.3260, 60.4358, 40.2545** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1524, 35.7352, 64.6142**, and the grayscale version is **55.9473, 58.8609, 64.0995**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **27.0268, 30.5542, 17.5698** is the 20% darker color. If you saturate the color by 10%, you get **52.6177, 59.6004, 31.7271**, and if you desaturate by 10%, it is **56.3393, 61.3977, 50.3731**.

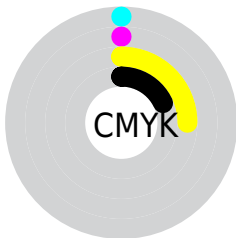
Distribution



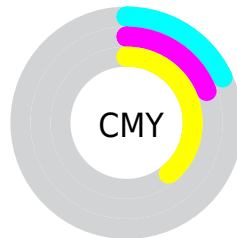
- Red (82%)
- Green (81%)
- Blue (61%)



- Red (62%)
- Yellow (82%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (25%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3260, 60.4358, 40.2545 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 54.3260, 60.4358, 40.2545 by changing the saturation by 10% instead.

■ 54.3260, 60.4358,
40.2545

■ 54.3260, 60.4358,
40.2545

393.5300,
426.2023, 362.7790

■ 39.0941, 43.7700,
27.4217

■ 95.7068, 105.4616,
76.7922

■ 27.0140, 30.4897,
17.6550

■ 122.5864,
134.5904, 101.3343

■ 17.7204, 20.2106,
10.5357

154.0793,
168.6423, 130.6165

■ 10.8479, 12.5482,
5.6453

190.5508,
208.0017, 165.0574

■ 6.0312, 7.1182,
2.5654

232.3662,
253.0530, 205.0756

■ 2.9049, 3.5361,
0.8745

279.8910,

■ 1.1037, 1.4176,

304.1806, 251.0895

0.0000

333.4905,
361.7689, 303.5178

■ 0.0282, 0.2297,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3260, 60.4358,
40.2545

■ 54.3260, 60.4358,
40.2545

■ 52.6177, 59.6004,
31.7271

■ 56.3393, 61.3977,
50.3731

■ 51.1944, 58.8774,
24.7060


■ 58.6672, 62.4838,
62.1542


■ 50.0409, 58.2626,
19.1046


■ 61.3247, 63.7021,
75.6694


■ 49.1388, 57.7488,
14.8257


■ 64.3243, 65.0577,
90.9851


 48.4673, 57.3276,
11.7598


 66.8620, 66.2288,
103.8672


 48.0022, 56.9894,
9.7804


 66.9598, 66.4244,
103.8998

 47.7144, 56.7224,
8.7324

 67.0578, 66.6205,
103.9325

 47.6100, 56.6049,
8.4165

 67.1561, 66.8171,
103.9652

 67.2546, 67.0141,
103.9981

Harmonies

Analogous

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



59.9364, 60.4358, 39.8600



54.3260, 60.4358, 40.2545



49.8470, 60.4358, 46.7294

Triad

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



54.3260, 60.4358, 40.2545



50.3253, 60.4358, 91.3249



68.7165, 60.4358, 73.1000

Complementary

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



54.3260, 60.4358, 40.2545



37.1524, 35.7352, 64.6142

Split Complementary

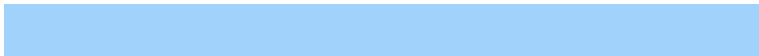
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.7727, 60.4358, 89.4704



54.3260, 60.4358, 40.2545



55.0186, 60.4358, 101.0988

Square

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



54.3260, 60.4358, 40.2545



47.6434, 60.4358, 75.3211



60.6758, 60.4358, 100.3692



68.5005, 60.4358, 57.1250

Rectangle

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



54.3260, 60.4358, 40.2545



47.9941, 60.4358, 54.3340



60.6758, 60.4358, 100.3692



68.0559, 60.4358, 78.7850

Sweetspot

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



54.3276, 60.4385, 40.2558



92.1991, 98.6854, 94.4245



44.0501, 39.6471, 37.5593



19.6844, 21.0995, 19.9574



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.



54.3276, 60.4385, 40.2558



84.6209, 95.0838, 56.2762



48.2605, 57.6699, 40.0412



12.7832, 13.7572, 12.5937



29.6817, 35.2965, 5.2485



1.6659, 1.9862, 0.2956

Inverse Universe

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



37.1524, 35.7352, 64.6142



52.8391, 49.3723, 101.3526



42.1588, 38.0672, 64.8005



11.1816, 11.4534, 14.8650



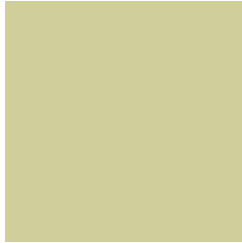
7.1308, 2.9083, 37.3780



0.4052, 0.1757, 2.0921

Previews

White Background



This preview shows how the XYZ color 54.3260, 60.4358, 40.2545 looks on a white background.

Color Contrast Check

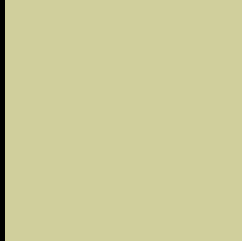
Large Text (above 18pt) WCAG AA × Fail

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 54.3260, 60.4358, 40.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

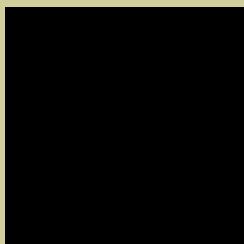
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

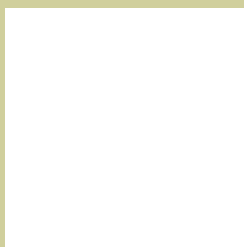
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3260, 60.4358, 40.2545

Background



This preview shows how black text looks on a background with the XYZ color 54.3260, 60.4358, 40.2545.



This preview shows how white text looks on a background with the XYZ color 54.3260, 60.4358,

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

54.3260, 60.4358, 40.2545

Protanopia

56.4227, 60.4577, 39.7061

Deuteranopia

61.5081, 60.2992, 40.7448



Tritanopia

61.0081, 60.3521, 72.7236

Trichromacy



Original Color

54.3260, 60.4358, 40.2545

Protanomaly

55.4793, 60.3253, 39.7302

Deuteranomaly

58.7350, 60.2369, 40.4295

Tritanomaly

58.2987, 60.2822, 59.6019

Monochromacy



Original Color

54.3260, 60.4358, 40.2545

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0147, 59.0520, 54.3975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3260, 60.4358, 40.2545 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(208, 207, 156)` looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 156)  
}
```

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(208, 207, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 156) }
```

Border

The CSS property to change the border of an element to XYZ 54.3260, 60.4358, 40.2545 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(208, 207, 156) }
```


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

```
.border{ border-color:rgb(208, 207, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 207, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 156);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3260, 60.4358, 40.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 156) }
```

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

```
.background{ background-color: rgb(208,  
207, 156) }
```

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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