

Converting Colors

XYZ(54.5487, 60.1998, 34.9902)

Have a look what the booklet for
XYZ(54.5487, 60.1998, 34.9902)
contains.

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Color

**XYZ(54.5459, 60.3024,
35.1502)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CE90
RGB	213, 206, 144
RGB Percent	84%, 81%, 56%
CMY	0.1647, 0.1921, 0.4353
CMYK	0.00, 0.03, 0.32, 0.16
HSL	54°, 45%, 70%
HSV	54°, 32%, 84%
XYZ	54.5459, 60.3024, 35.1502
YIQ	201.0250, 24.0740, -17.7980

Conversions

Conversions Part 2

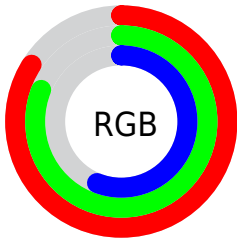
Format	Color
R_{YB}	152, 213, 144
Decimal	14012048
CIE _{Lab}	82.00, -6.92, 31.77
CIE _{LCh}	82, 32.514, 102.283
Yxy	60.3024, 0.3636, 0.4020
Android (android.graphics.Color)	4292202128 (0xFFD5CE90)
YUV	201.0250, -28.1133, 10.5021
Hunter-Lab	77.6546, -10.5142, 27.5207

Details

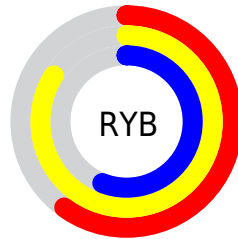
The XYZ color **54.5459, 60.3024, 35.1502** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.5782, 32.8656, 67.4720**, and the grayscale version is **55.6925, 58.5929, 63.8076**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **27.1086, 30.4149, 14.7978** is the 20% darker color. If you saturate the color by 10%, you get **52.5535, 58.6815, 27.1980**, and if you desaturate by 10%, it is **56.8557, 62.0659, 44.7249**.

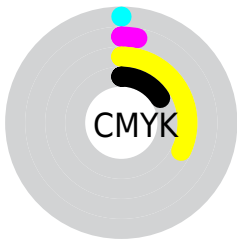
Distribution



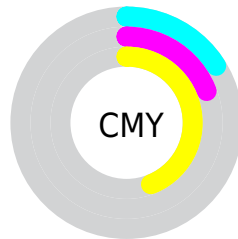
- Red (84%)
- Green (81%)
- Blue (56%)



- Red (60%)
- Yellow (84%)
- Blue (56%)



- Cyan (0%)
- Magenta (3%)
- Yellow (32%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5459, 60.3024, 35.1502 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 54.5459, 60.3024, 35.1502 by changing the saturation by 10% instead.

■ 54.5459, 60.3024,
35.1502

■ 54.5459, 60.3024,
35.1502

394.3528,
425.7115, 340.1552

■ 39.2707, 43.6624,
23.4941

■ 96.0275, 105.2682,
68.8726

■ 27.1520, 30.4052,
14.7501

■ 122.9646,
134.3628, 91.7760

■ 17.8246, 20.1464,
8.4995

154.5197,
168.3778, 119.2656

■ 10.9231, 12.5015,
4.3239

191.0582,
207.6975, 151.7599

■ 6.0820, 7.0862,
1.8046

232.9454,
252.7063, 189.6775

■ 2.9362, 3.5161,
0.4310

280.5466,

■ 1.1201, 1.4067,

303.7887, 233.4368

0.0000

334.2273,
361.3289, 283.4566

■ 0.0418, 0.2217,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5459, 60.3024,
35.1502

■ 54.5459, 60.3024,
35.1502

■ 52.5535, 58.6815,
27.1980

■ 56.8557, 62.0659,
44.7249

■ 50.8565, 57.1881,
20.7734

■ 59.4943, 63.9703,
56.0024

■ 49.4375, 55.8171,
15.7773

■ 62.4781, 66.0243,
69.0623

■ 48.2750, 54.5601,
12.0976

■ 65.8211, 68.2335,
83.9779

■ 47.3446, 53.4071,
9.6052

■ 69.5365, 70.6033,
100.8186

■ 46.6167, 52.3464,
8.1451

■ 70.8118, 72.0087,
104.7746

■ 46.1605, 51.5860,
7.5242

■ 71.3787, 73.1424,
104.9636

■ 71.9529, 74.2907,
105.1550

■ 72.5344, 75.4538,
105.3488

Harmonies

Analogous

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



61.4383, 60.3024, 35.7670



54.5459, 60.3024, 35.1502



48.8645, 60.3024, 41.4195

Triad

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



54.5459, 60.3024, 35.1502



48.0711, 60.3024, 94.6043



70.8697, 60.3024, 77.8824

Complementary

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



54.5459, 60.3024, 35.1502



34.5782, 32.8656, 67.4720

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.



66.6890, 60.3024, 97.8830



54.5459, 60.3024, 35.1502



53.3816, 60.3024, 108.7876

Square

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



54.5459, 60.3024, 35.1502



45.3319, 60.3024, 74.0573



60.1776, 60.3024, 110.0951



71.2445, 60.3024, 57.9211

Rectangle

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



54.5459, 60.3024, 35.1502



46.3796, 60.3024, 49.5606



60.1776, 60.3024, 110.0951



69.8483, 60.3024, 84.9131

Sweetspot

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



54.5474, 60.3051, 35.1515



90.3937, 96.8269, 88.4205



43.0859, 36.3620, 34.4757



19.2172, 20.6335, 18.3575



0.0000, 0.0000, 0.0000



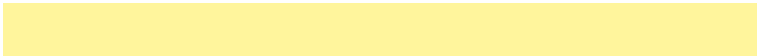
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5474, 60.3051, 35.1515



79.8305, 88.9007, 44.2051



49.2122, 60.1104, 35.3951



13.3603, 14.2948, 13.2157



28.2403, 31.5978, 4.6106



1.7351, 1.9693, 0.2887

Inverse Universe

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



34.5782, 32.8656, 67.4720



45.2427, 41.3817, 100.2107



38.6591, 33.3476, 67.3500



11.8429, 12.2092, 15.6699



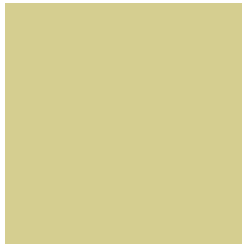
7.5418, 3.3454, 38.7014



0.4902, 0.2724, 2.3461

Previews

White Background



This preview shows how the XYZ color 54.5459, 60.3024, 35.1502 looks on a white background.

Color Contrast Check

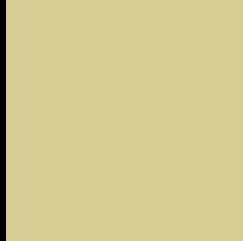
Large Text (above 18pt) WCAG AA × Fail

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 54.5459, 60.3024, 35.1502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

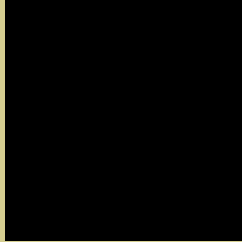
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5459, 60.3024, 35.1502

Background



This preview shows how black text looks on a background with the XYZ color 54.5459, 60.3024, 35.1502.



This preview shows how white text looks on a background with the XYZ color 54.5459, 60.3024,

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

54.5459, 60.3024, 35.1502

Protanopia

56.0660, 60.3845, 34.6870

Deuteranopia

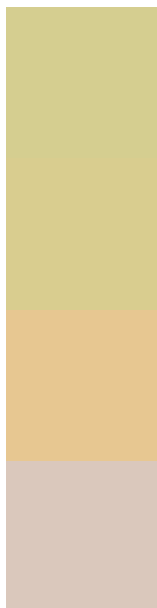
61.3214, 59.9828, 35.5400



Tritanopia

61.7953, 60.1088, 71.2960

Trichromacy



Original Color

54.5459, 60.3024, 35.1502

Protanomaly

55.4045, 60.3975, 34.7244

Deuteranomaly

58.4893, 59.8801, 35.2634

Tritanomaly

58.6448, 59.8448, 56.0372

Monochromacy



Original Color

54.5459, 60.3024, 35.1502

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7710, 58.9863, 51.6788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5459, 60.3024, 35.1502 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(213, 206, 144)` looks like.

```
.text, #text, p{  
    color:rgb(213, 206, 144)  
}
```

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(213, 206, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 206, 144) }
```

Border

The CSS property to change the border of an element to XYZ 54.5459, 60.3024, 35.1502 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(213, 206, 144) }
```


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

```
.border{ border-color:rgb(213, 206, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 206, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 206, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 206, 144);  
box-shadow:4px 4px 4px 4px rgb(213, 206,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5459, 60.3024, 35.1502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 206, 144) }
```

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

```
.background{ background-color: rgb(213,  
206, 144) }
```

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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