

Converting Colors

XYZ(40.5056, 54.4680, 25.2084)

Have a look what the booklet for
XYZ(40.5056, 54.4680, 25.2084)
contains.

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Color

**XYZ(40.5086, 54.3589,
25.1869)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D175
RGB	160, 209, 117
RGB Percent	63%, 82%, 46%
CMY	0.3725, 0.1804, 0.5412
CMYK	0.23, 0.00, 0.44, 0.18
HSL	92°, 50%, 64%
HSV	92°, 44%, 82%
XYZ	40.5086, 54.3589, 25.1869
YIQ	183.8610, 0.3280, -39.0000

Conversions

Conversions Part 2

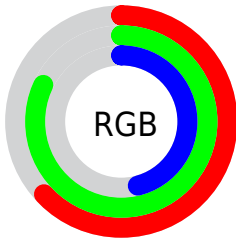
Format	Color
RYB	117, 209, 166
Decimal	10539381
CIELab	78.67, -31.79, 40.45
CIElCh	79, 51.447, 128.160
Yxy	54.3589, 0.3374, 0.4528
Android (android.graphics.Color)	4288729461 (0xFFA0D175)
YUV	183.8610, -32.9625, -20.9261
Hunter-Lab	73.7285, -30.9517, 31.3555

Details

The XYZ color **40.5086, 54.3589, 25.1869** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **33.5981, 25.4346, 63.4632**, and the grayscale version is **45.6606, 48.0385, 52.3139**.

A 20% lighter version of the original color is **71.3346, 89.0212, 51.4533**, and **18.4828, 26.5687, 9.3084** is the 20% darker color. If you saturate the color by 10%, you get **37.2880, 52.8268, 19.3223**, and if you desaturate by 10%, it is **44.2056, 56.1083, 32.5080**.

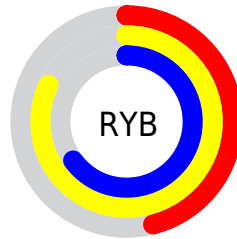
Distribution



Red (63%)

Green (82%)

Blue (46%)



Red (46%)

Yellow (82%)

Blue (65%)

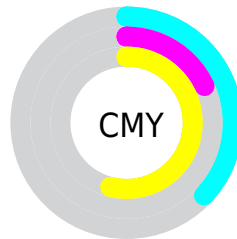


Cyan (23%)

Magenta (0%)

Yellow (44%)

Black (18%)



Cyan (37%)


Magenta (18%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5086, 54.3589, 25.1869 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 40.5086, 54.3589, 25.1869 by changing the saturation by 10% instead.


 40.5086, 54.3589,
25.1869


 40.5086, 54.3589,
25.1869


339.3604,
403.4771, 292.2449

 28.1213, 38.8887,
15.9961


 75.2168, 96.6010,
52.9281

 18.5580, 26.6731,
9.3670


 98.2684, 124.1417,
72.3156

 11.4535, 17.3279,
4.8813


 125.6055,
156.4746, 95.9391

 6.4422, 10.4685,
2.1203

157.5934,
193.9842, 124.2171

 3.1590, 5.7107,
0.6278

194.5975,
237.0549, 157.5681

 1.2384, 2.6700,
0.0000

236.9831,

 0.1364, 0.9620,

286.0710, 196.4107

0.0000

285.1156,
341.4169, 241.1634

■ 0.0000, 0.0000,
0.0000

■ 40.5086, 54.3589,
25.1869

■ 40.5086, 54.3589,
25.1869

■ 37.2880, 52.8268,
19.3223

■ 44.2056, 56.1083,
32.5080

■ 34.5160, 51.4947,
14.8131

■ 48.3967, 58.0770,
41.3708

■ 32.1679, 50.3540,
11.5511


■ 53.1036, 60.2763,
51.8577

■ 30.2140, 49.3921,
9.4096


■ 58.3452, 62.7141,
64.0446

■ 28.6193, 48.5943,
8.2353


■ 64.1395, 65.3983,
78.0024

 27.8041, 48.1821,
7.8347

 70.5036, 68.3360,
93.7982

 76.0873, 70.9879,
104.2995

 79.9400, 72.9740,
104.4798

 82.0916, 74.0832,
104.5805

Harmonies

Analogous

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



48.9422, 54.3589, 19.2750



40.5086, 54.3589, 25.1869



35.5673, 54.3589, 40.7129

Triad

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



40.5086, 54.3589, 25.1869



44.7322, 54.3589, 127.8178



73.5250, 54.3589, 51.5942

Complementary

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



40.5086, 54.3589, 25.1869



33.5981, 25.4346, 63.4632

Split Complementary

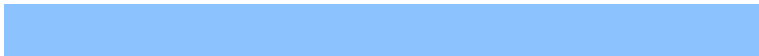
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.0113, 54.3589, 82.5450



40.5086, 54.3589, 25.1869



54.4901, 54.3589, 133.6696

Square

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



40.5086, 54.3589, 25.1869



37.7738, 54.3589, 100.9378



64.7055, 54.3589, 115.0004



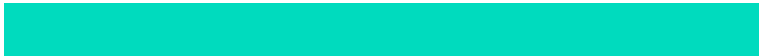
68.6056, 54.3589, 30.9054

Rectangle

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



40.5086, 54.3589, 25.1869



34.4926, 54.3589, 57.4085



64.7055, 54.3589, 115.0004



73.7628, 54.3589, 61.0031

Sweetspot

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



40.5099, 54.3613, 25.1881



83.9644, 94.8495, 82.8843



42.8786, 41.5839, 22.5970



17.6003, 20.1285, 16.8951



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.



40.5099, 54.3613, 25.1881



58.6727, 82.9414, 30.6385



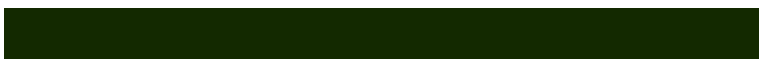
33.4400, 50.7061, 25.3318



12.1740, 13.4732, 12.5710



17.2540, 29.7637, 4.8356



1.0559, 1.7112, 0.2746

Inverse Universe

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



33.5981, 25.4346, 63.4632



46.4453, 31.8020, 98.2982



43.9776, 30.8072, 62.9626



11.7563, 11.7232, 14.8868



11.2777, 4.9942, 37.5621



0.7218, 0.3262, 2.1045

Previews

White Background



This preview shows how the XYZ color 40.5086, 54.3589, 25.1869 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 40.5086, 54.3589, 25.1869 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 40.5086, 54.3589, 25.1869

Background



This preview shows how black text looks on a background with the XYZ color 40.5086, 54.3589, 25.1869.



This preview shows how white text looks on a background with the XYZ color 40.5086, 54.3589,

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

40.5086, 54.3589, 25.1869

Protanopia

49.6570, 53.8996, 23.1157

Deuteranopia

54.8558, 53.6204, 26.1975



Tritanopia

49.7872, 54.2419, 71.4640

Trichromacy



Original Color

40.5086, 54.3589, 25.1869

Protanomaly

45.7088, 53.5311, 23.8430

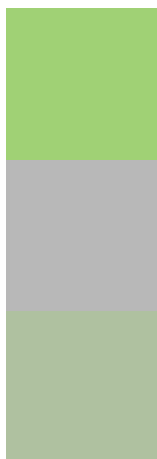
Deuteranomaly

48.4751, 53.2294, 25.8086

Tritanomaly

45.6194, 53.9307, 50.6531

Monochromacy



Original Color

40.5086, 54.3589, 25.1869

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.0943, 49.7920, 40.5972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5086, 54.3589, 25.1869 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(160, 209, 117)` looks like.

```
.text, #text, p{  
    color:rgb(160, 209, 117)  
}
```

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(160, 209, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 209, 117) }
```

Border

The CSS property to change the border of an element to XYZ 40.5086, 54.3589, 25.1869 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(160, 209, 117) }
```


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

```
.border{ border-color:rgb(160, 209, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 209, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 209, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 209, 117);  
box-shadow:4px 4px 4px 4px rgb(160, 209,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5086, 54.3589, 25.1869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 209, 117) }
```

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

```
.background{ background-color: rgb(160,  
209, 117) }
```

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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