

Converting Colors

XYZ(40.9759, 50.8495, 36.4647)

Have a look what the booklet for
XYZ(40.9759, 50.8495, 36.4647)
contains.

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Color

**XYZ(41.0327, 50.8354,
36.5037)**

Conversions

Conversions Part 1

Format	Color
Hex	A3C796
RGB	163, 199, 150
RGB Percent	64%, 78%, 59%
CMY	0.3608, 0.2196, 0.4118
CMYK	0.18, 0.00, 0.25, 0.22
HSL	104°, 30%, 68%
HSV	104°, 25%, 78%
XYZ	41.0327, 50.8354, 36.5037
YIQ	182.6500, -5.7270, -22.8710

Conversions

Conversions Part 2

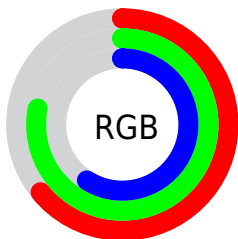
Format	Color
RYB	150, 199, 186
Decimal	10733462
CIELab	76.58, -21.16, 20.68
CIELCh	77, 29.586, 135.652
Yxy	50.8354, 0.3196, 0.3960
Android (android.graphics.Color)	4288923542 (0xFFA3C796)
YUV	182.6500, -16.0964, -17.2330
Hunter-Lab	71.2989, -22.0460, 19.5539

Details

The XYZ color **41.0327, 50.8354, 36.5037** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.4670, 36.3768, 58.8714**, and the grayscale version is **44.9067, 47.2454, 51.4502**.

A 20% lighter version of the original color is **75.5725, 90.7851, 70.6669**, and **18.9331, 24.5312, 15.5415** is the 20% darker color. If you saturate the color by 10%, you get **36.7420, 48.7947, 28.6366**, and if you desaturate by 10%, it is **45.9444, 53.1678, 45.8226**.

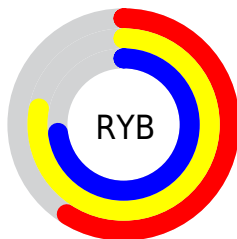
Distribution



Red (64%)

Green (78%)

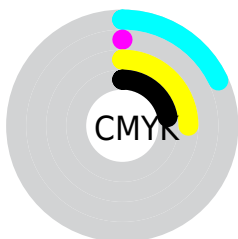
Blue (59%)



Red (59%)

Yellow (78%)

Blue (73%)

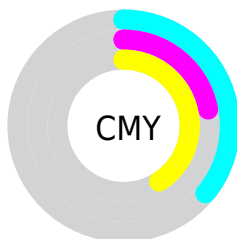


Cyan (18%)

Magenta (0%)

Yellow (25%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0327, 50.8354, 36.5037 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 41.0327, 50.8354, 36.5037 by changing the saturation by 10% instead.

■ 41.0327, 50.8354,
36.5037

■ 41.0327, 50.8354,
36.5037

341.5175,
389.9239, 346.2606

■ 28.5324, 36.0776,
24.5307

■ 76.0079, 91.4114,
70.9866

■ 18.8699, 24.4942,
15.5119

■ 99.2136, 117.9985,
94.3335

■ 11.6797, 15.7006,
9.0289

126.7184,
149.2974, 122.3089

■ 6.5966, 9.3125,
4.6629

158.8878,
185.6926, 155.3312

■ 3.2552, 4.9456,
1.9956

196.0870,
227.5684, 193.8190

■ 1.2901, 2.2154,
0.5526

238.6815,

■ 0.1758, 0.7284,

275.3093, 238.1908

0.0000

287.0365,
329.2997, 288.8651

■ 0.0000, 0.0000,
0.0000

■ 41.0327, 50.8354,
36.5037

■ 41.0327, 50.8354,
36.5037

■ 36.7420, 48.7947,
28.6366

■ 45.9444, 53.1678,
45.8226

■ 33.0429, 47.0275,
22.1449

■ 51.4971, 55.7963,
56.6577

■ 29.9092, 45.5238,
16.9506

■ 57.7148, 58.7332,
69.0738

■ 27.3115, 44.2701,
12.9663

■ 64.6189, 61.9885,
83.1305

■ 25.2171, 43.2519,
10.0938

■ 72.2300, 65.5713,
98.8848

■ 23.5895, 42.4526,
8.2197

■ 78.1607, 68.5279,
103.7154

■ 22.3862, 41.8534,
7.2062

■ 79.7145, 69.3289,
103.7882

■ 21.8816, 41.6001,
6.8763

Harmonies

Analogous

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



45.4758, 50.8354, 30.6891



41.0327, 50.8354, 36.5037



38.6359, 50.8354, 48.0687

Triad

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



41.0327, 50.8354, 36.5037



45.7029, 50.8354, 90.8440



59.4222, 50.8354, 47.4559

Complementary

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



41.0327, 50.8354, 36.5037



41.4670, 36.3768, 58.8714

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.



59.4949, 50.8354, 63.3342



41.0327, 50.8354, 36.5037



51.2752, 50.8354, 90.5922

Square

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



41.0327, 50.8354, 36.5037



41.1879, 50.8354, 80.4067



56.4172, 50.8354, 79.7735



56.2258, 50.8354, 36.1300

Rectangle

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



41.0327, 50.8354, 36.5037



38.3926, 50.8354, 58.4377



56.4172, 50.8354, 79.7735



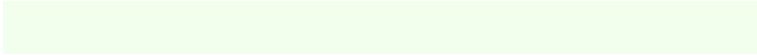
59.8206, 50.8354, 52.3751

Sweetspot

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



41.0340, 50.8376, 36.5048



87.6465, 96.5001, 94.2426



46.6052, 49.4361, 35.9407



18.6292, 20.5931, 19.9153



0.0000, 0.0000, 0.0000



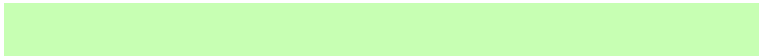
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0340, 50.8376, 36.5048



67.3446, 86.8683, 55.6010



39.4740, 49.9217, 41.4754



10.7570, 12.0217, 11.3162



14.1413, 26.7854, 4.4248



0.7404, 1.3048, 0.2128

Inverse Universe

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



41.4670, 36.3768, 58.8714



68.2343, 56.8724, 101.9889



43.4919, 37.5683, 52.2937



10.7980, 10.6696, 13.4078



14.3617, 6.6380, 35.2687



0.7458, 0.3482, 1.6730

Previews

White Background



This preview shows how the XYZ color 41.0327, 50.8354, 36.5037 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 41.0327, 50.8354, 36.5037 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 41.0327, 50.8354, 36.5037

Background



This preview shows how black text looks on a background with the XYZ color 41.0327, 50.8354, 36.5037.



This preview shows how white text looks on a background with the XYZ color 41.0327, 50.8354,

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

41.0327, 50.8354, 36.5037

Protanopia

47.1814, 50.4283, 34.0350

Deuteranopia

51.5700, 50.4409, 37.5899



Tritanopia

46.9065, 50.5373, 66.3139

Trichromacy



Original Color

41.0327, 50.8354, 36.5037

Protanomaly

44.6096, 50.3707, 34.9751

Deuteranomaly

47.2862, 50.4085, 37.3745

Tritanomaly

44.5169, 50.5638, 53.8679

Monochromacy



Original Color

41.0327, 50.8354, 36.5037

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.4528, 48.5656, 45.6120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0327, 50.8354, 36.5037 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(163, 199, 150)` looks like.

```
.text, #text, p{  
    color:rgb(163, 199, 150)  
}
```

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(163, 199, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 199, 150) }
```

Border

The CSS property to change the border of an element to XYZ 41.0327, 50.8354, 36.5037 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(163, 199, 150) }
```


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

```
.border{ border-color:rgb(163, 199, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 199, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 199, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 199, 150);  
box-shadow:4px 4px 4px 4px rgb(163, 199,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0327, 50.8354, 36.5037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 199, 150) }
```

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

```
.background{ background-color: rgb(163,  
199, 150) }
```

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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