

Converting Colors

XYZ(41.3299, 54.6741, 19.8309)

Have a look what the booklet for
XYZ(41.3299, 54.6741, 19.8309)
contains.

XYZ(41.3380, 54.5396, 19.9037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.3380, 54.5396,
19.9037)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD062
RGB	170, 208, 98
RGB Percent	67%, 82%, 38%
CMY	0.3333, 0.1843, 0.6157
CMYK	0.18, 0.00, 0.53, 0.18
HSL	81°, 54%, 60%
HSV	81°, 53%, 82%
XYZ	41.3380, 54.5396, 19.9037
YIQ	184.0980, 12.6620, -42.2660

Conversions

Conversions Part 2

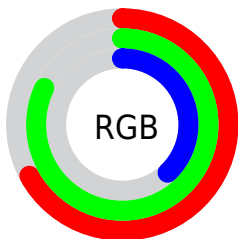
Format	Color
RYB	98, 208, 136
Decimal	11194466
CIELab	78.78, -29.69, 49.90
CIELCh	79, 58.063, 120.751
Yxy	54.5396, 0.3570, 0.4711
Android (android.graphics.Color)	4289384546 (0xFFAAD062)
YUV	184.0980, -42.4463, -12.3639
Hunter-Lab	73.8509, -29.3239, 35.7163

Details

The XYZ color **41.3380, 54.5396, 19.9037** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **25.9084, 18.5251, 61.8878**, and the grayscale version is **45.8377, 48.2248, 52.5168**.

A 20% lighter version of the original color is **73.0245, 90.0853, 42.8176**, and **18.9546, 26.6246, 6.7248** is the 20% darker color. If you saturate the color by 10%, you get **38.9698, 53.4196, 15.3158**, and if you desaturate by 10%, it is **44.0489, 55.8103, 25.8418**.

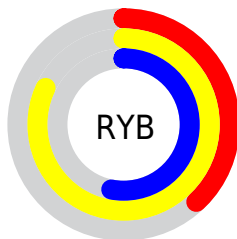
Distribution



Red (67%)

Green (82%)

Blue (38%)



Red (38%)

Yellow (82%)

Blue (53%)

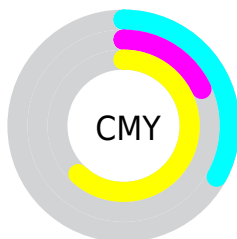


Cyan (18%)

Magenta (0%)

Yellow (53%)

Black (18%)



Cyan (33%)

Magenta (18%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.3380, 54.5396, 19.9037 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 41.3380, 54.5396, 19.9037 by changing the saturation by 10% instead.

■ 41.3380, 54.5396,
19.9037

■ 41.3380, 54.5396,
19.9037

342.7698,
404.1643, 263.9803

■ 28.7721, 39.0332,
12.1417

■ 76.4682, 96.8661,
44.1125

■ 19.0519, 26.7856,
6.7165

■ 99.7632, 124.4550,
61.3964

■ 11.8120, 17.4123,
3.2097

■ 127.3653,
156.8401, 82.6913

■ 6.6871, 10.5289,
1.2027

■ 159.6399,
194.4060, 108.4158

■ 3.3118, 5.7510,
0.0000

196.9523,
237.5370, 138.9884

■ 1.3207, 2.6943,
0.0000

239.6678,

■ 0.1986, 0.9743,

286.6174, 174.8276

0.0000

288.1519,
342.0318, 216.3521

■ 0.0000, 0.0000,
0.0000

■ 41.3380, 54.5396,
19.9037

■ 41.3380, 54.5396,
19.9037

■ 38.9698, 53.4196,
15.3158

■ 44.0489, 55.8103,
25.8418

■ 36.9189, 52.4343,
11.9681

■ 47.1181, 57.2323,
33.2217

■ 35.1620, 51.5761,
9.7393

■ 50.5644, 58.8153,
42.1310

■ 33.6696, 50.8330,
8.4817

■ 54.4043, 60.5661,
52.6494

■ 32.7332, 50.3601,
7.9953

■ 58.6531, 62.4907,
64.8510

■ 63.3251, 64.5952,
78.8054

■ 68.4340, 66.8851,
94.5782

■ 72.4408, 68.7450,
104.0588

■ 74.7617, 69.9415,
104.1674

Harmonies

Analogous

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



51.5491, 54.5396, 15.9129



41.3380, 54.5396, 19.9037



34.8456, 54.5396, 33.5133

Triad

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



41.3380, 54.5396, 19.9037



41.7709, 54.5396, 133.5093



77.2298, 54.5396, 58.5587

Complementary

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



41.3380, 54.5396, 19.9037



25.9084, 18.5251, 61.8878

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.



73.6141, 54.5396, 95.9955



41.3380, 54.5396, 19.9037



52.1284, 54.5396, 147.8349

Square

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



41.3380, 54.5396, 19.9037



35.0683, 54.5396, 97.9882



63.9812, 54.5396, 132.0907



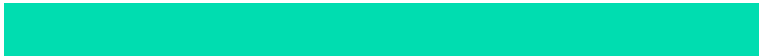
73.2488, 54.5396, 32.5416

Rectangle

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



41.3380, 54.5396, 19.9037



32.9394, 54.5396, 49.7798



63.9812, 54.5396, 132.0907



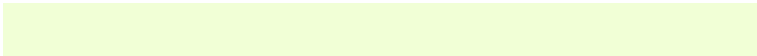
76.8580, 54.5396, 70.1510

Sweetspot

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



41.3393, 54.5420, 19.9049



84.1660, 95.0691, 77.6665



36.8366, 31.5286, 15.7001



17.7418, 20.2242, 15.8730



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.



41.3393, 54.5420, 19.9049



61.4812, 84.5446, 23.7505



32.0091, 49.7321, 19.4682



12.3904, 13.5847, 12.5811



20.5076, 31.4410, 4.9879



1.2302, 1.8011, 0.2828

Inverse Universe

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



25.9084, 18.5251, 61.8878



34.6347, 21.7580, 96.9820



36.9069, 24.1951, 62.4025



11.5433, 11.6134, 14.8769



8.8493, 3.7423, 37.4484



0.5794, 0.2528, 2.0978

Previews

White Background



This preview shows how the XYZ color 41.3380, 54.5396, 19.9037 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 41.3380, 54.5396, 19.9037 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 41.3380, 54.5396, 19.9037

Background



This preview shows how black text looks on a background with the XYZ color 41.3380, 54.5396, 19.9037.



This preview shows how white text looks on a background with the XYZ color 41.3380, 54.5396,

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

41.3380, 54.5396, 19.9037

Protanopia

49.5598, 54.2854, 18.4557

Deuteranopia

55.1075, 53.8745, 20.5910



Tritanopia

51.2650, 54.3734, 69.4212

Trichromacy



Original Color

41.3380, 54.5396, 19.9037

Protanomaly

46.2730, 54.2769, 18.8641

Deuteranomaly

48.9088, 53.2454, 20.2700

Tritanomaly

46.5004, 53.7945, 45.9628

Monochromacy



Original Color

41.3380, 54.5396, 19.9037

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

43.4101, 50.0235, 37.5045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3380, 54.5396, 19.9037 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(170, 208, 98)` looks like.

```
.text, #text, p{  
    color:rgb(170, 208, 98)  
}
```

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(170, 208, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 208, 98) }
```

Border

The CSS property to change the border of an element to XYZ 41.3380, 54.5396, 19.9037 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(170, 208, 98) }
```


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

```
.border{ border-color:rgb(170, 208, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 208, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 208, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 208, 98);  
box-shadow:4px 4px 4px 4px rgb(170, 208,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3380, 54.5396, 19.9037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 208, 98) }
```

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

```
.background{ background-color: rgb(170,  
208, 98) }
```

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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