

Converting Colors

XYZ(41.0484, 50.2499, 35.3584)

Have a look what the booklet for
XYZ(41.0484, 50.2499, 35.3584)
contains.

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Color

**XYZ(41.0374, 50.1776,
35.5393)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C594
RGB	166, 197, 148
RGB Percent	65%, 77%, 58%
CMY	0.3490, 0.2274, 0.4196
CMYK	0.16, 0.00, 0.25, 0.23
HSL	98°, 30%, 68%
HSV	98°, 25%, 77%
XYZ	41.0374, 50.1776, 35.5393
YIQ	182.1450, -2.7470, -21.8110

Conversions

Conversions Part 2

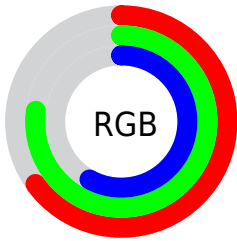
Format	Color
RYB	148, 197, 179
Decimal	10929556
CIELab	76.18, -19.41, 21.22
CIELCh	76, 28.764, 132.449
Yxy	50.1776, 0.3238, 0.3959
Android (android.graphics.Color)	4289119636 (0xFFA6C594)
YUV	182.1450, -16.8335, -14.1592
Hunter-Lab	70.8361, -20.5531, 19.8388

Details

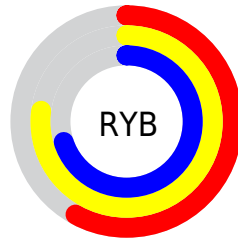
The XYZ color **41.0374, 50.1776, 35.5393** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.2604, 34.7962, 57.4731**, and the grayscale version is **44.6334, 46.9578, 51.1371**.

A 20% lighter version of the original color is **75.9213, 90.5200, 69.3478**, and **18.7902, 24.0187, 14.9550** is the 20% darker color. If you saturate the color by 10%, you get **37.1217, 48.3256, 27.8975**, and if you desaturate by 10%, it is **45.4744, 52.2707, 44.5930**.

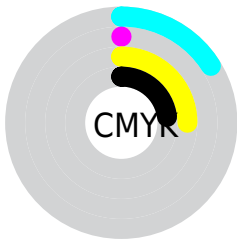
Distribution



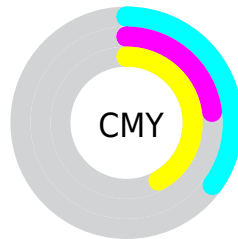
- Red (65%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)





- Cyan (35%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0374, 50.1776, 35.5393 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 41.0374, 50.1776, 35.5393 by changing the saturation by 10% instead.

 41.0374, 50.1776,
35.5393


 41.0374, 50.1776,
35.5393


341.5368,
387.3601, 341.9187

 28.5361, 35.5545,
23.7917


 76.0150, 90.4380,
69.4814

 18.8727, 24.0904,
14.9684


 99.2220, 116.8440,
92.5130

 11.6818, 15.4007,
8.6509


126.7284,
147.9466, 120.1431

 6.5980, 9.1011,
4.4205

158.8993,
184.1300, 152.7901

 3.2561, 4.8072,
1.8587

196.1003,
225.7786, 190.8726

 1.2906, 2.1346,
0.4663

238.6967,

 0.1762, 0.6840,

273.2769, 234.8092

0.0000

287.0537,
327.0093, 285.0184

■ 0.0000, 0.0000,
0.0000

■ 41.0374, 50.1776,
35.5393

■ 41.0374, 50.1776,
35.5393

■ 37.1217, 48.3256,
27.8975

■ 45.4744, 52.2707,
44.5930

■ 33.7029, 46.6991,
21.5931

■ 50.4482, 54.6069,
55.1213

■ 30.7600, 45.2906,
16.5500

■ 55.9784, 57.1965,
67.1872

■ 28.2691, 44.0895,
12.6830

■ 62.0823, 60.0471,
80.8491

■ 26.2039, 43.0844,
9.8963

■ 68.7767, 63.1662,
96.1623

■ 24.5346, 42.2623,
8.0792

■ 74.2203, 65.8179,
103.4000

■ 23.2263, 41.6082,
7.0970

■ 78.6169, 68.0844,
103.6058

■ 22.6667, 41.3261,
6.7821

■ 79.2573, 68.4145,
103.6358

Harmonies

Analogous

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



45.4941, 50.1776, 30.4858



41.0374, 50.1776, 35.5393



38.4825, 50.1776, 46.1689

Triad

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



41.0374, 50.1776, 35.5393



44.6366, 50.1776, 88.0796



58.5385, 50.1776, 48.4863

Complementary

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



41.0374, 50.1776, 35.5393



39.2604, 34.7962, 57.4731

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.



58.2654, 50.1776, 64.0773



41.0374, 50.1776, 35.5393



49.9602, 50.1776, 89.0225

Square

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



41.0374, 50.1776, 35.5393



40.4504, 50.1776, 77.2016



55.0304, 50.1776, 79.5766



55.7507, 50.1776, 36.9595

Rectangle

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



41.0374, 50.1776, 35.5393



38.0743, 50.1776, 55.9124



55.0304, 50.1776, 79.5766



58.8073, 50.1776, 53.3770

Sweetspot

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



41.0387, 50.1798, 35.5404



88.2744, 96.8238, 94.2720



44.3368, 45.9375, 34.5477



18.7743, 20.6680, 19.9221



0.0000, 0.0000, 0.0000



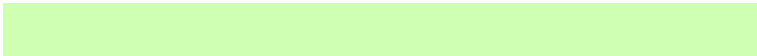
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0387, 50.1798, 35.5404



69.4663, 87.9621, 55.7003



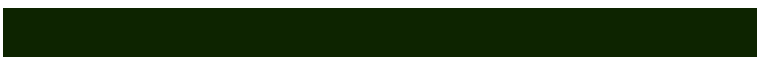
37.9897, 48.5543, 37.8188



10.8592, 12.0744, 11.3210



14.9928, 27.2244, 4.4646



0.7895, 1.3301, 0.2151

Inverse Universe

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



39.2604, 34.7962, 57.4731



65.7175, 55.5750, 101.8711



43.0530, 36.8255, 54.2952



10.6908, 10.6144, 13.4028



12.2518, 5.5503, 35.1699



0.6578, 0.3029, 1.6689

Previews

White Background



This preview shows how the XYZ color 41.0374, 50.1776, 35.5393 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 41.0374, 50.1776, 35.5393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

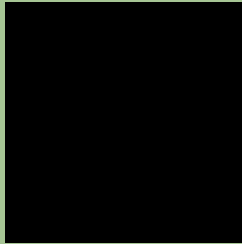
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.0374, 50.1776, 35.5393

Background



This preview shows how black text looks on a background with the XYZ color 41.0374, 50.1776, 35.5393.



This preview shows how white text looks on a background with the XYZ color 41.0374, 50.1776,

35.5393.

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

41.0374, 50.1776, 35.5393

Protanopia

46.5477, 49.8032, 33.1463

Deuteranopia

50.9022, 49.8149, 36.6382



Tritanopia

47.1121, 50.3486, 64.9928

Trichromacy



Original Color

41.0374, 50.1776, 35.5393

Protanomaly

44.4807, 49.9973, 34.0941

Deuteranomaly

46.6980, 49.4943, 36.3703

Tritanomaly

44.7350, 50.3713, 52.7122

Monochromacy



Original Color

41.0374, 50.1776, 35.5393

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

42.9305, 47.6730, 44.9693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0374, 50.1776, 35.5393 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(166, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(166, 197, 148)  
}
```

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(166, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 197, 148) }
```

Border

The CSS property to change the border of an element to XYZ 41.0374, 50.1776, 35.5393 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(166, 197, 148) }
```


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

```
.border{ border-color:rgb(166, 197, 148) }
```

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

Here you see how a box with a 4 pixel rgb(166, 197, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 197, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 197, 148);  
box-shadow:4px 4px 4px 4px rgb(166, 197,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0374, 50.1776, 35.5393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 197, 148) }
```

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

```
.background{ background-color: rgb(166,  
197, 148) }
```

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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