

Converting Colors

XYZ(38.5853, 46.2658, 35.4054)

Have a look what the booklet for
XYZ(38.5853, 46.2658, 35.4054)
contains.

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Color

**XYZ(38.5227, 46.2465,
35.3299)**

Conversions

Conversions Part 1

Format	Color
Hex	A2BD95
RGB	162, 189, 149
RGB Percent	64%, 74%, 58%
CMY	0.3647, 0.2588, 0.4157
CMYK	0.14, 0.00, 0.21, 0.26
HSL	101°, 23%, 66%
HSV	101°, 21%, 74%
XYZ	38.5227, 46.2465, 35.3299
YIQ	176.3670, -3.2520, -18.1640

Conversions

Conversions Part 2

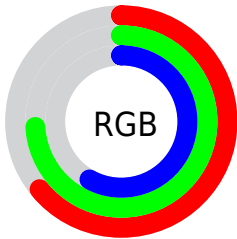
Format	Color
RYB	149, 189, 176
Decimal	10665365
CIELab	73.71, -16.64, 17.23
CIELCh	74, 23.952, 133.994
Yxy	46.2465, 0.3208, 0.3851
Android (android.graphics.Color)	4288855445 (0xFFA2BD95)
YUV	176.3670, -13.4919, -12.5999
Hunter-Lab	68.0048, -17.8934, 16.8010

Details

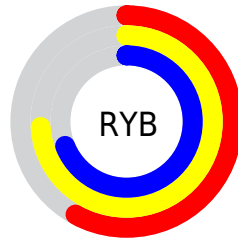
The XYZ color **38.5227, 46.2465, 35.3299** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.8392, 34.4005, 52.7922**, and the grayscale version is **41.5289, 43.6917, 47.5802**.

A 20% lighter version of the original color is **72.0472, 84.3683, 68.9873**, and **17.4392, 21.8052, 14.8449** is the 20% darker color. If you saturate the color by 10%, you get **34.6732, 44.4238, 27.9019**, and if you desaturate by 10%, it is **42.8825, 48.3067, 44.0620**.

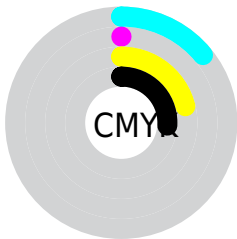
Distribution



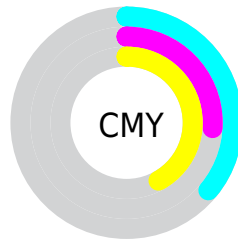
- Red (64%)
- Green (74%)
- Blue (58%)



- Red (58%)
- Yellow (74%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (26%)



- Cyan (36%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5227, 46.2465, 35.3299 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 38.5227, 46.2465, 35.3299 by changing the saturation by 10% instead.

■ 38.5227, 46.2465,
35.3299

■ 38.5227, 46.2465,
35.3299

331.0991,
371.7988, 340.9705

■ 26.5677, 32.4404,
23.6315

■ 72.2073, 84.5878,
69.1539

■ 17.3837, 21.6981,
14.8508

■ 94.6677, 109.8917,
92.1166

■ 10.6054, 13.6352,
8.5693

121.3605,
139.7971, 119.6711

■ 5.8675, 7.8674,
4.3684

152.6511,
174.6883, 152.2360

■ 2.8046, 4.0102,
1.8295

188.9050,
214.9496, 190.2299

■ 1.0513, 1.6793,
0.4473

230.4873,

■ 0.0000, 0.4102,

260.9656, 234.0712

0.0000

277.7636,
313.1205, 284.1786

■ 0.0000, 0.0000,
0.0000

■ 38.5227, 46.2465,
35.3299

■ 38.5227, 46.2465,
35.3299

■ 34.6732, 44.4238,
27.9019

■ 42.8825, 48.3067,
44.0620

■ 31.3109, 42.8240,
21.7126

■ 47.7675, 50.6067,
54.1534

■ 28.4159, 41.4396,
16.6952

■ 53.1964, 53.1564,
65.6600

■ 25.9657, 40.2607,
12.7756

■ 59.1859, 55.9631,
78.6334

■ 23.9356, 39.2763,
9.8714

■ 65.7519, 59.0341,
93.1227

■ 22.2981, 38.4744,
7.8882

■ 71.6943, 61.8900,
102.7750

■ 21.0216, 37.8410,
6.7141

■ 76.1444, 64.1841,
102.9833

■ 20.1488, 37.4025,
6.1574

■ 77.4885, 64.8771,
103.0462

Harmonies

Analogous

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



42.0100, 46.2465, 30.8948



38.5227, 46.2465, 35.3299



36.5622, 46.2465, 44.1755

Triad

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



38.5227, 46.2465, 35.3299



41.7418, 46.2465, 76.3557



52.3681, 46.2465, 44.9064

Complementary

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



38.5227, 46.2465, 35.3299



37.8392, 34.4005, 52.7922

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.



52.2847, 46.2465, 57.0845



38.5227, 46.2465, 35.3299



45.9610, 46.2465, 76.6365

Square

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



38.5227, 46.2465, 35.3299



38.3373, 46.2465, 68.4146



49.8774, 46.2465, 69.1294



50.0983, 46.2465, 35.7904

Rectangle

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



38.5227, 46.2465, 35.3299



36.3003, 46.2465, 52.0018



49.8774, 46.2465, 69.1294



52.6186, 46.2465, 48.7425

Sweetspot

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



38.5239, 46.2485, 35.3309



81.1136, 88.5459, 87.7613



41.8730, 43.9108, 34.7032



17.3211, 18.9840, 18.6208



90.7827, 95.5105, 104.0109



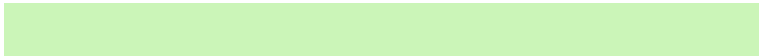
18.6292, 19.5994, 21.3438

Same Dimension

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



38.5239, 46.2485, 35.3309



65.9633, 81.3928, 57.3616



36.5660, 45.1759, 38.0982



9.6929, 10.7961, 10.1496



13.6282, 25.2014, 4.1461



0.6041, 1.0234, 0.1657

Inverse Universe

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



37.8392, 34.4005, 52.7922



64.5326, 56.6889, 93.7670



40.2135, 35.7062, 49.2114



9.6204, 9.5367, 12.0059



12.2105, 5.5808, 32.8265



0.5441, 0.2525, 1.2889

Previews

White Background



This preview shows how the XYZ color 38.5227, 46.2465, 35.3299 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 38.5227, 46.2465, 35.3299 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 38.5227, 46.2465, 35.3299

Background



This preview shows how black text looks on a background with the XYZ color 38.5227, 46.2465, 35.3299.



This preview shows how white text looks on a background with the XYZ color 38.5227, 46.2465,

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

38.5227, 46.2465, 35.3299

Protanopia

43.1703, 45.8933, 33.3710

Deuteranopia

46.8160, 45.9490, 36.1073



Tritanopia

43.3836, 46.0332, 59.4221

Trichromacy



Original Color

38.5227, 46.2465, 35.3299

Protanomaly

41.1778, 45.7661, 33.8576

Deuteranomaly

43.1919, 45.5509, 35.7939

Tritanomaly

41.5235, 46.2087, 49.9107

Monochromacy



Original Color

38.5227, 46.2465, 35.3299

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.2014, 44.4588, 42.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5227, 46.2465, 35.3299 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(162, 189, 149)` looks like.

```
.text, #text, p{  
    color:rgb(162, 189, 149)  
}
```

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(162, 189, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 189, 149) }
```

Border

The CSS property to change the border of an element to XYZ 38.5227, 46.2465, 35.3299 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(162, 189, 149) }
```


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

```
.border{ border-color:rgb(162, 189, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 189, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 189, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 189, 149);  
box-shadow:4px 4px 4px 4px rgb(162, 189,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5227, 46.2465, 35.3299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 189, 149) }
```

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

```
.background{ background-color: rgb(162,  
189, 149) }
```

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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