

Converting Colors

XYZ(30.5939, 43.3142, 41.5760)

Have a look what the booklet for
XYZ(30.5939, 43.3142, 41.5760)
contains.

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Color

**XYZ(30.6106, 43.3257,
41.3997)**

Conversions

Conversions Part 1

Format	Color
Hex	61C1A3
RGB	97, 193, 163
RGB Percent	38%, 76%, 64%
CMY	0.6196, 0.2431, 0.3608
CMYK	0.50, 0.00, 0.16, 0.24
HSL	161°, 44%, 57%
HSV	161°, 50%, 76%
XYZ	30.6106, 43.3257, 41.3997
YIQ	160.8760, -47.5860, -29.6820

Conversions

Conversions Part 2

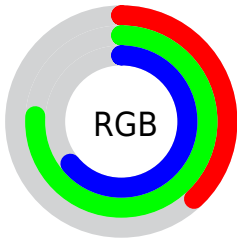
Format	Color
RYB	97, 154, 193
Decimal	6406563
CIELab	71.78, -35.62, 6.45
CIElCh	72, 36.195, 169.742
Yxy	43.3257, 0.2654, 0.3756
Android (android.graphics.Color)	4284596643 (0xFF61C1A3)
YUV	160.8760, 1.0471, -56.0193
Hunter-Lab	65.8223, -32.1776, 8.7844

Details

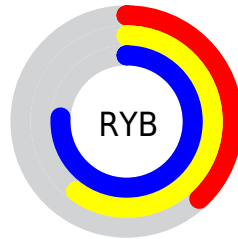
The XYZ color **30.6106, 43.3257, 41.3997** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.0992, 21.4202, 22.6284**, and the grayscale version is **33.8308, 35.5927, 38.7604**.

A 20% lighter version of the original color is **59.9774, 80.2055, 78.6497**, and **12.8294, 19.9880, 18.2208** is the 20% darker color. If you saturate the color by 10%, you get **28.2715, 42.1819, 38.5367**, and if you desaturate by 10%, it is **33.4781, 44.7411, 44.4239**.

Distribution



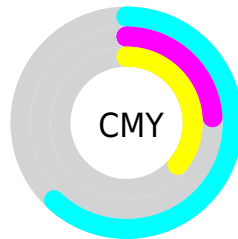
- Red (38%)
- Green (76%)
- Blue (64%)



- Red (38%)
- Yellow (60%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (62%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6106, 43.3257, 41.3997 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 30.6106, 43.3257, 41.3997 by changing the saturation by 10% instead.

■ 30.6106, 43.3257,
41.3997

■ 30.6106, 43.3257,
41.3997

296.5993,
359.9495, 367.7144

■ 20.4529, 30.1407,
28.3095

■ 60.0065, 80.2021,
78.5505

■ 12.8348, 19.9454,
18.3180

■ 79.9754, 104.6624,
103.4482

■ 7.3911, 12.3554,
11.0067

■ 103.9454,
133.6499, 133.1188

■ 3.7564, 6.9862,
5.9571

■ 132.2818,
167.5490, 167.9809

■ 1.5653, 3.4535,
2.7507

165.3501,
206.7441, 208.4529

■ 0.3696, 1.3728,
0.9688

203.5155,

■ 0.0000, 0.1966,

251.6196, 254.9535

0.0000

247.1435,
302.5600, 307.9011

■ 0.0000, 0.0000,
0.0000

■ 30.6106, 43.3257,
41.3997

■ 30.6106, 43.3257,
41.3997

■ 28.2715, 42.1819,
38.5367

■ 33.4781, 44.7411,
44.4239

■ 26.4200, 41.2855,
35.8283

■ 36.9040, 46.4403,
47.6097

■ 25.0149, 40.6163,
33.2716


■ 40.9203, 48.4407,
50.9614


■ 24.0063, 40.1486,
30.8623


■ 45.5552, 50.7570,
54.4819


■ 23.2998, 39.8338,
28.5942


■ 50.8354, 53.4028,
58.1742

 23.2828, 39.8263,
28.5370

 56.7858, 56.3909,
62.0413

 63.4301, 59.7335,
66.0858

 70.7906, 63.4421,
70.3104

 72.8725, 64.4262,
74.4362

Harmonies

Analogous

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



32.8030, 43.3257, 28.5075



30.6106, 43.3257, 41.3997



31.0275, 43.3257, 59.5558

Triad

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



30.6106, 43.3257, 41.3997



45.3022, 43.3257, 86.7419



49.2992, 43.3257, 25.7717

Complementary

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



30.6106, 43.3257, 41.3997



30.0992, 21.4202, 22.6284

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.



53.3353, 43.3257, 36.6401



30.6106, 43.3257, 41.3997



50.8734, 43.3257, 72.6024

Square

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



30.6106, 43.3257, 41.3997



39.1107, 43.3257, 88.9339



53.9385, 43.3257, 53.4624



43.3205, 43.3257, 21.0915

Rectangle

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



30.6106, 43.3257, 41.3997



32.7442, 43.3257, 72.2913



53.9385, 43.3257, 53.4624



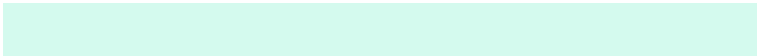
50.9523, 43.3257, 28.6749

Sweetspot

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



30.6118, 43.3274, 41.4007



76.8856, 88.5518, 94.0716



30.0411, 43.5476, 18.1321



16.1243, 18.8124, 19.8963



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



30.6118, 43.3274, 41.4007



50.1900, 75.3299, 68.4204



29.9647, 37.2092, 56.0569



10.2302, 11.3731, 12.2156



15.5225, 26.5031, 19.1764



0.7006, 1.1571, 0.9860

Inverse Universe

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



30.0992, 21.4202, 22.6284



49.1941, 31.5131, 31.0191



30.2366, 24.3721, 14.4206



10.2000, 10.1286, 11.1435



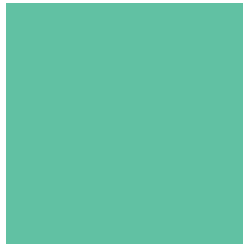
15.2077, 7.7728, 3.7397



0.6888, 0.3485, 0.3285

Previews

White Background



This preview shows how the XYZ color 30.6106, 43.3257, 41.3997 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 30.6106, 43.3257, 41.3997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

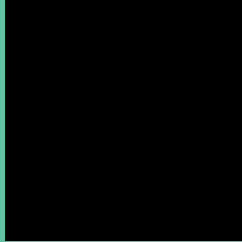
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6106, 43.3257, 41.3997

Background



This preview shows how black text looks on a background with the XYZ color 30.6106, 43.3257, 41.3997.



This preview shows how white text looks on a background with the XYZ color 30.6106, 43.3257,

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

30.6106, 43.3257, 41.3997

Protanopia

40.4143, 42.6393, 36.2371

Deuteranopia

43.5040, 42.6724, 42.9895



Tritanopia

34.8565, 43.1037, 62.9826

Trichromacy



Original Color

30.6106, 43.3257, 41.3997



Protanomaly

35.5586, 42.1575, 38.1614



Deuteranomaly

37.1014, 41.9649, 42.2210



Tritanomaly

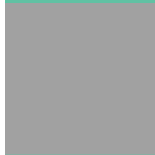
33.1004, 43.0293, 54.1379

Monochromacy



Original Color

30.6106, 43.3257, 41.3997



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

31.9464, 37.8990, 39.8139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6106, 43.3257, 41.3997 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(97, 193, 163)` looks like.

```
.text, #text, p{  
    color:rgb(97, 193, 163)  
}
```

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(97, 193, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 193, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.6106, 43.3257, 41.3997 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(97, 193, 163) }
```


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

```
.border{ border-color:rgb(97, 193, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 193, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 193, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 193, 163);  
box-shadow:4px 4px 4px 4px rgb(97, 193,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6106, 43.3257, 41.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 193, 163) }
```

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

```
.background{ background-color: rgb(97, 193,  
163) }
```

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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