

Converting Colors

XYZ(41.5375, 46.3012, 65.1158)

Have a look what the booklet for
XYZ(41.5375, 46.3012, 65.1158)
contains.

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Color

**XYZ(41.4620, 46.1534,
65.1157)**

Conversions

Conversions Part 1

Format	Color
Hex	97BACE
RGB	151, 186, 206
RGB Percent	59%, 73%, 81%
CMY	0.4078, 0.2706, 0.1922
CMYK	0.27, 0.10, 0.00, 0.19
HSL	202°, 36%, 70%
HSV	202°, 27%, 81%
XYZ	41.4620, 46.1534, 65.1157
YIQ	177.8150, -27.2800, -1.2000

Conversions

Conversions Part 2

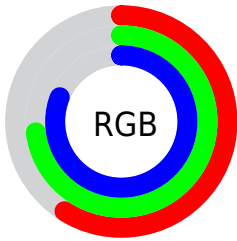
Format	Color
RYB	151, 172, 206
Decimal	9943758
CIELab	73.64, -7.20, -13.94
CIElCh	74, 15.689, 242.700
Yxy	46.1534, 0.2715, 0.3022
Android (android.graphics.Color)	4288133838 (0xFF97BACE)
YUV	177.8150, 13.8952, -23.5168
Hunter-Lab	67.9363, -9.9487, -9.2730

Details

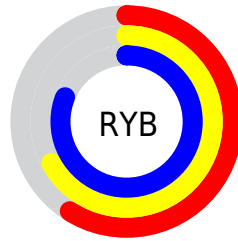
The XYZ color **41.4620, 46.1534, 65.1157** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.6029, 44.4822, 35.4617**, and the grayscale version is **42.1595, 44.3551, 48.3027**.

A 20% lighter version of the original color is **75.2557, 83.8461, 106.8253**, and **19.2006, 21.6947, 32.8813** is the 20% darker color. If you saturate the color by 10%, you get **36.4313, 41.2796, 64.4409**, and if you desaturate by 10%, it is **47.2463, 51.5407, 65.8515**.

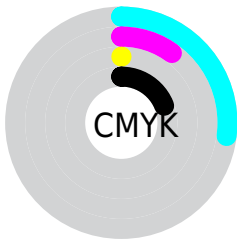
Distribution



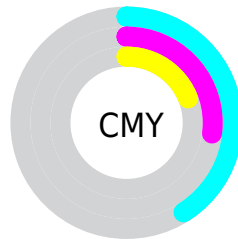
- Red (59%)
- Green (73%)
- Blue (81%)



- Red (59%)
- Yellow (67%)
- Blue (81%)



- Cyan (27%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4620, 46.1534, 65.1157 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 41.4620, 46.1534, 65.1157 by changing the saturation by 10% instead.

■ 41.4620, 46.1534,
65.1157

■ 41.4620, 46.1534,
65.1157

343.2775,
371.4250, 461.5252

■ 28.8695, 32.3669,
47.1030

■ 76.6550, 84.4485,
113.8311

■ 19.1259, 21.6419,
32.7621

■ 99.9863, 109.7259,
145.3707

■ 11.8658, 13.5940,
21.6747

127.6278,
139.6024, 182.2565

■ 6.7239, 7.8388,
13.4220

159.9450,
174.4624, 224.9069

■ 3.3348, 3.9920,
7.5857

197.3032,
214.6903, 273.7404

■ 1.3332, 1.6691,
3.7470

240.0678,

■ 0.2079, 0.4035,

260.6704, 329.1756

1.4876

288.6042,
312.7872, 391.6310

■ 0.0000, 0.0000,
0.2087

■ 0.0000, 0.0000,
0.0000

■ 41.4620, 46.1534,
65.1157

■ 41.4620, 46.1534,
65.1157

■ 36.4313, 41.2796,
64.4409

■ 47.2463, 51.5407,
65.8515

■ 32.1139, 36.8933,
63.8218

■ 53.8133, 57.4551,
66.6469

■ 28.4721, 32.9743,
63.2573

■ 61.1958, 63.9163,
67.5050

■ 25.4625, 29.4984,
62.7450

■ 69.4235, 70.9414,
68.4273

■ 23.0366, 26.4384,
62.2822

■ 78.5242, 78.5463,
69.4155

■ 21.1376, 23.7631,
61.8659

■ 80.9412, 82.8372,
70.1164

■ 19.6920, 21.4325,
61.4923

■ 83.0820, 87.1189,
70.8300

■ 19.2704, 20.7156,
61.3761

■ 85.3137, 91.5823,
71.5739

■ 87.6372, 96.2293,
72.3484

Harmonies

Analogous

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



39.5227, 46.1534, 58.9825



41.4620, 46.1534, 65.1157



44.1196, 46.1534, 67.1420

Triad

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



41.4620, 46.1534, 65.1157



49.4244, 46.1534, 49.5357



41.0435, 46.1534, 38.4440

Complementary

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



41.4620, 46.1534, 65.1157



45.6029, 44.4822, 35.4617

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.



43.6162, 46.1534, 36.4644



41.4620, 46.1534, 65.1157



48.5194, 46.1534, 42.4307

Square

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



41.4620, 46.1534, 65.1157



48.7892, 46.1534, 57.6039



46.3641, 46.1534, 37.8440



39.2883, 46.1534, 43.5561

Rectangle

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



41.4620, 46.1534, 65.1157



45.9620, 46.1534, 65.7345



46.3641, 46.1534, 37.8440



41.8374, 46.1534, 37.4160

Sweetspot

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



41.4634, 46.1553, 65.1168



85.6182, 91.6926, 107.7936



42.1141, 53.6346, 46.2882



17.9670, 19.3055, 23.0293



0.0000, 0.0000, 0.0000



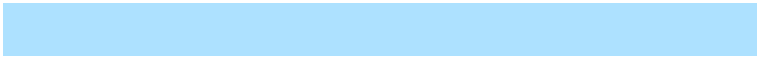
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4634, 46.1553, 65.1168



62.3868, 70.1792, 104.8655



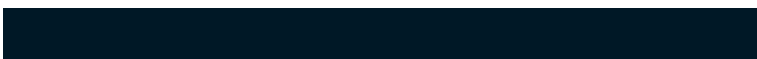
36.3453, 35.9190, 63.4107



11.1869, 12.0143, 14.2998



11.9610, 12.9460, 37.8247



0.6876, 0.8090, 1.9749

Inverse Universe

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



45.3843, 38.8014, 51.5539



69.8961, 56.7551, 78.7416



51.1773, 55.6310, 37.3198



11.5077, 11.3318, 13.2083



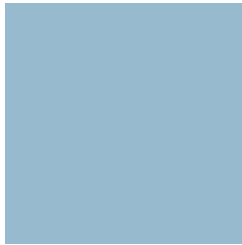
18.2483, 9.1099, 14.2919



0.9770, 0.4842, 0.9249

Previews

White Background



This preview shows how the XYZ color 41.4620, 46.1534, 65.1157 looks on a white background.

Color Contrast Check

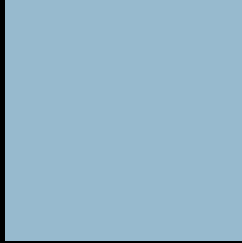
Large Text (above 18pt) WCAG AA × Fail

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 41.4620, 46.1534, 65.1157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

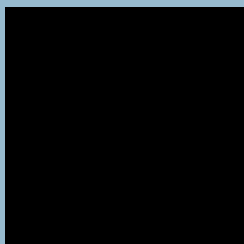
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

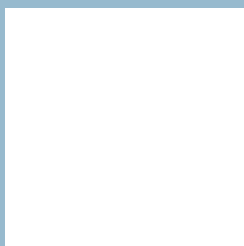
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.4620, 46.1534, 65.1157

Background



This preview shows how black text looks on a background with the XYZ color 41.4620, 46.1534, 65.1157.



This preview shows how white text looks on a background with the XYZ color 41.4620, 46.1534,

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

41.4620, 46.1534, 65.1157

Protanopia

44.9122, 45.8516, 62.3602

Deuteranopia

46.9181, 45.9190, 66.0649



Tritanopia

41.0087, 46.2889, 62.6504

Trichromacy



Original Color

41.4620, 46.1534, 65.1157

Protanomaly

43.6559, 46.0925, 63.0957

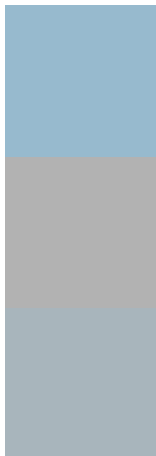
Deuteranomaly

44.8173, 46.0317, 65.5544

Tritanomaly

41.1275, 46.3365, 63.2761

Monochromacy



Original Color

41.4620, 46.1534, 65.1157

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.7494, 45.0034, 54.0631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4620, 46.1534, 65.1157 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(151, 186, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 186, 206)  
}
```

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(151, 186, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 186, 206) }
```

Border

The CSS property to change the border of an element to XYZ 41.4620, 46.1534, 65.1157 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(151, 186, 206) }
```


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

```
.border{ border-color:rgb(151, 186, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 186, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 186, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 186, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 186,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4620, 46.1534, 65.1157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 186, 206) }
```

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

```
.background{ background-color: rgb(151,  
186, 206) }
```

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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