

Converting Colors

XYZ(40.9391, 47.1153, 63.5796)

Have a look what the booklet for
XYZ(40.9391, 47.1153, 63.5796)
contains.

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Color

**XYZ(41.0470, 47.2497,
63.4566)**

Conversions

Conversions Part 1

Format	Color
Hex	92BECB
RGB	146, 190, 203
RGB Percent	57%, 75%, 80%
CMY	0.4274, 0.2549, 0.2039
CMYK	0.28, 0.06, 0.00, 0.20
HSL	194°, 35%, 68%
HSV	194°, 28%, 80%
XYZ	41.0470, 47.2497, 63.4566
YIQ	178.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

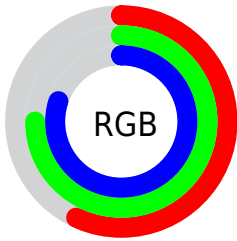
Format	Color
R _Y B	146, 171, 203
Decimal	9617099
CIE Lab	74.35, -11.50, -11.28
CIE LCh	74, 16.112, 224.455
Yxy	47.2497, 0.2705, 0.3114
Android (android.graphics.Color)	4287807179 (0xFF92BECB)
YUV	178.3260, 12.1643, -28.3499
Hunter-Lab	68.7384, -13.7013, -6.6173

Details

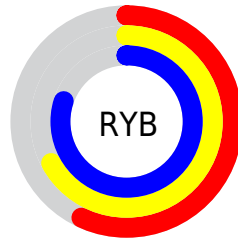
The XYZ color **41.0470, 47.2497, 63.4566** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.2156, 39.5684, 32.6077**, and the grayscale version is **42.4398, 44.6499, 48.6238**.

A 20% lighter version of the original color is **75.0932, 85.5490, 107.1625**, and **18.9866, 22.4409, 31.7646** is the 20% darker color. If you saturate the color by 10%, you get **36.7674, 43.5798, 62.9746**, and if you desaturate by 10%, it is **46.0020, 51.3175, 63.9814**.

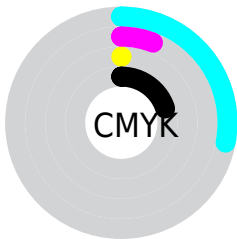
Distribution



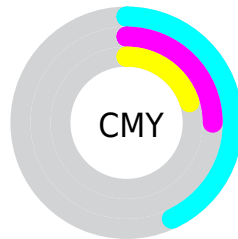
- Red (57%)
- Green (75%)
- Blue (80%)



- Red (57%)
- Yellow (67%)
- Blue (80%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (20%)



- Cyan (43%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0470, 47.2497, 63.4566 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 41.0470, 47.2497, 63.4566 by changing the saturation by 10% instead.

■ 41.0470, 47.2497,
63.4566

■ 41.0470, 47.2497,
63.4566

341.5762,
375.8104, 455.3782

■ 28.5436, 33.2331,
45.7673

■ 76.0295, 86.0862,
111.4199

■ 18.8784, 22.3051,
31.7149

■ 99.2393, 111.6749,
142.5310

■ 11.6859, 14.0812,
20.8808

126.7487,
141.8898, 178.9532

■ 6.6009, 8.1772,
12.8465

158.9230,
177.1152, 221.1049

■ 3.2579, 4.2085,
7.1935

196.1276,
217.7356, 269.4047

■ 1.2916, 1.7909,
3.5031

238.7277,

■ 0.1769, 0.4815,

264.1353, 324.2711

1.3569

287.0888,
316.6988, 386.1228

■ 0.0000, 0.0000,
0.1078

■ 0.0000, 0.0000,
0.0000

■ 41.0470, 47.2497,
63.4566

■ 41.0470, 47.2497,
63.4566

■ 36.7674, 43.5798,
62.9746

■ 46.0020, 51.3175,
63.9814

■ 33.1249, 40.2839,
62.5304

■ 51.6599, 55.7941,
64.5473

■ 30.0834, 37.3443,
62.1233

■ 58.0516, 60.6972,
65.1568

■ 27.6017, 34.7392,
61.7513

■ 65.2052, 66.0416,
65.8113

■ 25.6328, 32.4440,
61.4120

■ 73.1469, 71.8412,
66.5122

■ 24.1219, 30.4300,
61.1029

■ 77.0336, 75.5997,
67.0328

■ 22.9872, 28.6545,
60.8200

■ 78.2492, 78.0311,
67.4380

■ 22.7877, 28.3279,
60.7675

■ 79.4987, 80.5300,
67.8545

■ 80.7822, 83.0970,
68.2823

Harmonies

Analogous

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



39.7252, 47.2497, 55.5356



41.0470, 47.2497, 63.4566



43.4321, 47.2497, 68.4102

Triad

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



41.0470, 47.2497, 63.4566



50.4965, 47.2497, 55.8447



43.5323, 47.2497, 37.4851

Complementary

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



41.0470, 47.2497, 63.4566



42.2156, 39.5684, 32.6077

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.



46.4198, 47.2497, 37.5487



41.0470, 47.2497, 63.4566



50.5262, 47.2497, 47.5639

Square

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



41.0470, 47.2497, 63.4566



48.9275, 47.2497, 63.7038



49.0068, 47.2497, 41.0570



41.1176, 47.2497, 40.8726

Rectangle

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



41.0470, 47.2497, 63.4566



45.3438, 47.2497, 69.0600



49.0068, 47.2497, 41.0570



44.4778, 47.2497, 37.1162

Sweetspot

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



41.0484, 47.2516, 63.4577



86.4729, 93.4019, 108.0785



39.4127, 51.3045, 40.3325



18.1830, 19.7376, 23.1013



0.0000, 0.0000, 0.0000



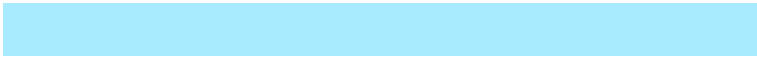
20.3446, 21.4041, 23.3091

Same Dimension

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



41.0484, 47.2516, 63.4577



64.0365, 75.1260, 105.7334



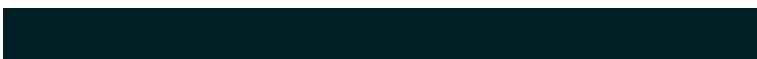
35.5813, 36.3174, 61.6353



11.3179, 12.2763, 14.3434



14.5731, 18.1702, 38.6954



0.8063, 1.0464, 2.0144

Inverse Universe

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



44.2029, 36.9731, 53.5241



70.3267, 55.3876, 85.7555



47.5563, 50.2498, 34.3879



11.5738, 11.3583, 13.5564



19.5667, 9.6373, 21.2349



1.0369, 0.5082, 1.2403

Previews

White Background



This preview shows how the XYZ color 41.0470, 47.2497, 63.4566 looks on a white background.

Color Contrast Check

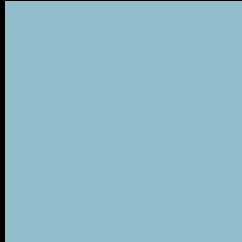
Large Text (above 18pt) WCAG AA × Fail

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 41.0470, 47.2497, 63.4566 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

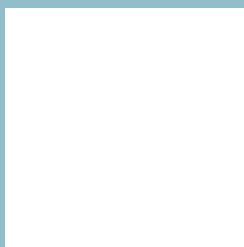
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0470, 47.2497, 63.4566

Background



This preview shows how black text looks on a background with the XYZ color 41.0470, 47.2497, 63.4566.



This preview shows how white text looks on a background with the XYZ color 41.0470, 47.2497,

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

41.0470, 47.2497, 63.4566

Protanopia

45.6580, 46.9027, 59.4700

Deuteranopia

48.0472, 47.1158, 64.9544



Tritanopia

41.2870, 47.3457, 64.7202

Trichromacy



Original Color

41.0470, 47.2497, 63.4566

Protanomaly

43.5977, 46.7293, 60.7546

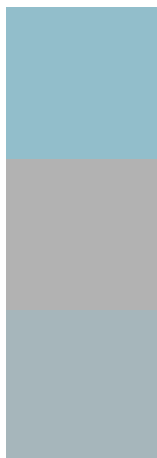
Deuteranomaly

44.9810, 46.7479, 64.4101

Tritanomaly

41.1666, 47.2975, 64.0864

Monochromacy



Original Color

41.0470, 47.2497, 63.4566

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.4235, 45.1507, 53.5454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0470, 47.2497, 63.4566 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(146, 190, 203)` looks like.

```
.text, #text, p{  
    color:rgb(146, 190, 203)  
}
```

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(146, 190, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 190, 203) }
```

Border

The CSS property to change the border of an element to XYZ 41.0470, 47.2497, 63.4566 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(146, 190, 203) }
```


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

```
.border{ border-color:rgb(146, 190, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 190, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 190, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 190, 203);  
box-shadow:4px 4px 4px 4px rgb(146, 190,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0470, 47.2497, 63.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 190, 203) }
```

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

```
.background{ background-color: rgb(146,  
190, 203) }
```

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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