

Converting Colors

XYZ(41.4170, 46.0069, 67.2571)

Have a look what the booklet for
XYZ(41.4170, 46.0069, 67.2571)
contains.

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Color

**XYZ(41.4620, 46.1108,
67.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	95BAD1
RGB	149, 186, 209
RGB Percent	58%, 73%, 82%
CMY	0.4157, 0.2706, 0.1804
CMYK	0.29, 0.11, 0.00, 0.18
HSL	203°, 39%, 70%
HSV	203°, 29%, 82%
XYZ	41.4620, 46.1108, 67.0366
YIQ	177.5590, -29.4350, -0.6910

Conversions

Conversions Part 2

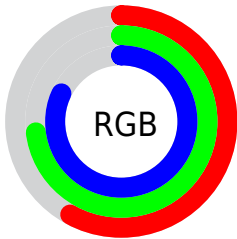
Format	Color
R _Y B	149, 172, 209
Decimal	9812689
CIE Lab	73.62, -7.08, -15.63
CIE LCh	74, 17.158, 245.641
Yxy	46.1108, 0.2682, 0.2982
Android (android.graphics.Color)	4288002769 (0xFF95BAD1)
YUV	177.5590, 15.5004, -25.0462
Hunter-Lab	67.9049, -9.8435, -10.9984

Details

The XYZ color **41.4620, 46.1108, 67.0366** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.4726, 45.2309, 34.7162**, and the grayscale version is **42.0172, 44.2053, 48.1396**.

A 20% lighter version of the original color is **74.7040, 83.5616, 106.7994**, and **19.1278, 21.6284, 34.1769** is the 20% darker color. If you saturate the color by 10%, you get **36.3452, 41.0384, 66.3280**, and if you desaturate by 10%, it is **47.3605, 51.7289, 67.8109**.

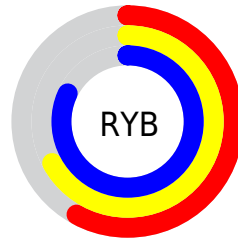
Distribution



Red (58%)

Green (73%)

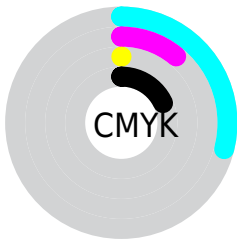
Blue (82%)



Red (58%)

Yellow (67%)

Blue (82%)

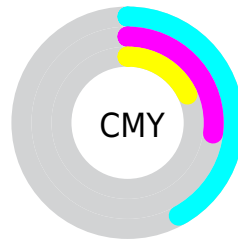


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (27%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4620, 46.1108, 67.0366 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, 46.1108, 67.0366 by changing the saturation by 10% instead.

■ 41.4620, 46.1108,
67.0366

■ 41.4620, 46.1108,
67.0366

343.2775,
371.2539, 468.5801

■ 28.8695, 32.3333,
48.6526

■ 76.6550, 84.3848,
116.6140

■ 19.1259, 21.6162,
33.9803

■ 99.9863, 109.6500,
148.6445

■ 11.8658, 13.5751,
22.6012

127.6278,
139.5133, 186.0608

■ 6.7239, 7.8258,
14.0968

159.9450,
174.3590, 229.2816

■ 3.3348, 3.9837,
8.0485

197.3032,
214.5715, 278.7254

■ 1.3332, 1.6644,
4.0378

240.0678,

■ 0.2079, 0.4005,

260.5353, 334.8107

1.6461

288.6042,
312.6346, 397.9561

■ 0.0000, 0.0000,
0.3234

■ 0.0000, 0.0000,
0.0000

■ 41.4620, 46.1108,
67.0366

■ 41.4620, 46.1108,
67.0366

■ 36.3452, 41.0384,
66.3280

■ 47.3605, 51.7289,
67.8109

■ 31.9678, 36.4843,
65.6797

■ 54.0718, 57.9076,
68.6498

■ 28.2895, 32.4264,
65.0903

■ 61.6305, 64.6680,
69.5563

■ 25.2643, 28.8387,
64.5572

■ 70.0677, 72.0283,
70.5323

■ 22.8400, 25.6918,
64.0776

■ 79.4130, 80.0059,
71.5795

■ 20.9554, 22.9516,
63.6480

■ 82.1917, 84.7494,
72.3487

■ 19.5153, 20.5663,
63.2635

■ 84.5253, 89.4165,
73.1265

■ 19.3445, 20.2749,
63.2163

■ 86.9633, 94.2925,
73.9392

■ 88.5088, 97.3835,
74.4544

Harmonies

Analogous

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



39.2500, 46.1108, 60.5969



41.4620, 46.1108, 67.0366



44.4034, 46.1108, 68.7584

Triad

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



41.4620, 46.1108, 67.0366



49.8994, 46.1108, 48.5808



40.5113, 46.1108, 37.8040

Complementary

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



41.4620, 46.1108, 67.0366



46.4726, 45.2309, 34.7162

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.



43.2554, 46.1108, 35.3339



41.4620, 46.1108, 67.0366



48.7465, 46.1108, 41.0779

Square

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



41.4620, 46.1108, 67.0366



49.3653, 46.1108, 57.4262



46.2801, 46.1108, 36.4596



38.7192, 46.1108, 43.6194

Rectangle

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



41.4620, 46.1108, 67.0366



46.4029, 46.1108, 66.8452



46.2801, 46.1108, 36.4596



41.3481, 46.1108, 36.5875

Sweetspot

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



41.4634, 46.1126, 67.0377



84.3625, 90.4193, 107.6140



42.5467, 54.9317, 46.8897



17.7096, 19.0372, 22.9911



0.0000, 0.0000, 0.0000



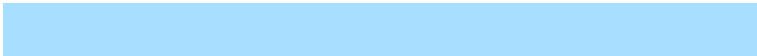
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4634, 46.1126, 67.0377



60.3219, 67.6967, 104.4952



35.9612, 35.1083, 65.2036



11.7620, 12.6142, 15.0585



12.0250, 12.6966, 39.0094



0.7478, 0.8609, 2.2063

Inverse Universe

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



45.9061, 38.5967, 51.4867



68.4517, 54.6376, 75.8821



52.6069, 57.4995, 36.7609



12.1107, 11.9290, 13.8590



18.7004, 9.3530, 13.8603



1.0837, 0.5382, 0.9756

Previews

White Background



This preview shows how the XYZ color 41.4620, 46.1108, 67.0366 looks on a white background.

Color Contrast Check

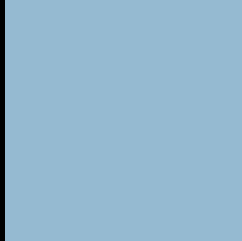
Large Text (above 18pt) WCAG AA × Fail

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, 46.1108, 67.0366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

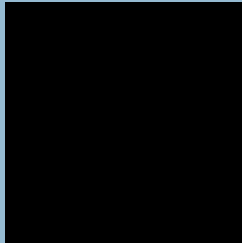
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4620, 46.1108, 67.0366

Background



This preview shows how black text looks on a background with the XYZ color 41.4620, 46.1108, 67.0366.



This preview shows how white text looks on a background with the XYZ color 41.4620, 46.1108,

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, 46.1108, 67.0366

Protanopia

44.9237, 45.8299, 63.6051

Deuteranopia

46.8116, 45.8211, 68.0051



Tritanopia

40.4636, 46.0080, 62.6249

Trichromacy



Original Color

41.4620, 46.1108, 67.0366

Protanomaly

43.5944, 46.0191, 64.9774

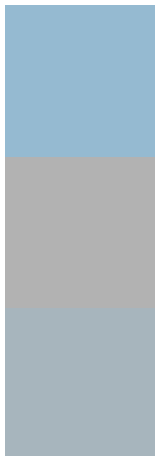
Deuteranomaly

44.7487, 45.9536, 67.4842

Tritanomaly

41.0025, 46.2443, 64.5226

Monochromacy



Original Color

41.4620, 46.1108, 67.0366

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.6455, 44.9374, 54.6229

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4620, 46.1108, 67.0366 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(149, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(149, 186, 209)  
}
```

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(149, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 186, 209) }
```

Border

The CSS property to change the border of an element to XYZ 41.4620, 46.1108, 67.0366 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(149, 186, 209) }
```


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

```
.border{ border-color:rgb(149, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 186, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 186, 209);  
box-shadow:4px 4px 4px 4px rgb(149, 186,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4620, 46.1108, 67.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 186, 209) }
```

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

```
.background{ background-color: rgb(149,  
186, 209) }
```

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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