

Converting Colors

XYZ(41.6498, 46.2513, 65.1256)

Have a look what the booklet for
XYZ(41.6498, 46.2513, 65.1256)
contains.

XYZ(41.6484, 46.2494, 65.1245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(41.6484, 46.2494,
65.1245)**

Conversions

Conversions Part 1

Format	Color
Hex	98BACE
RGB	152, 186, 206
RGB Percent	60%, 73%, 81%
CMY	0.4039, 0.2706, 0.1922
CMYK	0.26, 0.10, 0.00, 0.19
HSL	202°, 36%, 70%
HSV	202°, 26%, 81%
XYZ	41.6484, 46.2494, 65.1245
YIQ	178.1140, -26.6840, -0.9880

Conversions

Conversions Part 2

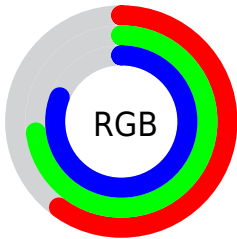
Format	Color
R _Y B	152, 173, 206
Decimal	10009294
CIE Lab	73.71, -6.90, -13.84
CIE LCh	74, 15.465, 243.518
Yxy	46.2494, 0.2722, 0.3022
Android (android.graphics.Color)	4288199374 (0xFF98BACE)
YUV	178.1140, 13.7478, -22.9020
Hunter-Lab	68.0069, -9.6962, -9.1722

Details

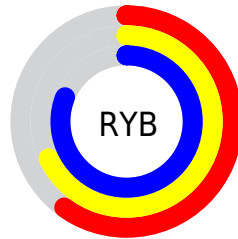
The XYZ color **41.6484, 46.2494, 65.1245** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8743, 44.8944, 35.9546**, and the grayscale version is **42.3180, 44.5218, 48.4843**.

A 20% lighter version of the original color is **75.5343, 83.9897, 106.8383**, and **19.3106, 21.7514, 32.8864** is the 20% darker color. If you saturate the color by 10%, you get **36.5583, 41.3038, 64.4390**, and if you desaturate by 10%, it is **47.4967, 51.7155, 65.8721**.

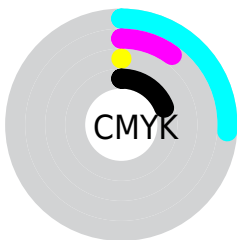
Distribution



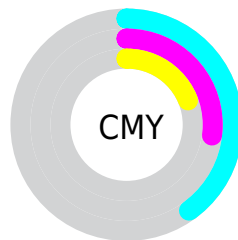
- Red (60%)
- Green (73%)
- Blue (81%)



- Red (60%)
- Yellow (68%)
- Blue (81%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.6484, 46.2494, 65.1245 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 41.6484, 46.2494, 65.1245 by changing the saturation by 10% instead.

■ 41.6484, 46.2494,
65.1245

■ 41.6484, 46.2494,
65.1245

344.0398,
371.8104, 461.5577

■ 29.0160, 32.4427,
47.1101

■ 76.9357, 84.5921,
113.8438

■ 19.2373, 21.6998,
32.7677

■ 100.3213,
109.8969, 145.3858

■ 11.9469, 13.6365,
21.6789

128.0221,
139.8032, 182.2740

■ 6.7794, 7.8683,
13.4251

160.4033,
174.6953, 224.9270

■ 3.3697, 4.0108,
7.5878

197.8303,
214.9577, 273.7633

■ 1.3521, 1.6796,
3.7483

240.6685,

■ 0.2217, 0.4104,

260.9747, 329.2015

1.4883

289.2832,
313.1309, 391.6601

■ 0.0000, 0.0000,
0.2092

■ 0.0000, 0.0000,
0.0000

■ 41.6484, 46.2494,
65.1245

■ 41.6484, 46.2494,
65.1245

■ 36.5583, 41.3038,
64.4390

■ 47.4967, 51.7155,
65.8721

■ 32.1863, 36.8527,
63.8102

■ 54.1326, 57.7158,
66.6805

■ 28.4948, 32.8759,
63.2372

■ 61.5885, 64.2701,
67.5527

■ 25.4405, 29.3489,
62.7174

■ 69.8942, 71.3955,
68.4902

■ 22.9752, 26.2447,
62.2482

■ 79.0764, 79.1076,
69.4949

■ 21.0423, 23.5321,
61.8265

■ 81.1748, 83.3045,
70.1944

■ 19.5713, 21.1724,
61.4485

■ 83.3665, 87.6878,
70.9249

■ 19.0850, 20.3447,
61.3144

■ 85.6525, 92.2598,
71.6869

■ 88.0339, 97.0227,
72.4807

Harmonies

Analogous

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



39.7063, 46.2494, 59.1680



41.6484, 46.2494, 65.1245



44.2831, 46.2494, 66.9896

Triad

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



41.6484, 46.2494, 65.1245



49.4361, 46.2494, 49.4365



41.1100, 46.2494, 38.7847

Complementary

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



41.6484, 46.2494, 65.1245



45.8743, 44.8944, 35.9546

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.



43.6358, 46.2494, 36.7353



41.6484, 46.2494, 65.1245



48.5043, 46.2494, 42.4685

Square

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



41.6484, 46.2494, 65.1245



48.8507, 46.2494, 57.3984



46.3528, 46.2494, 38.0111



39.4046, 46.2494, 43.9177

Rectangle

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



41.6484, 46.2494, 65.1245



46.0971, 46.2494, 65.5173



46.3528, 46.2494, 38.0111



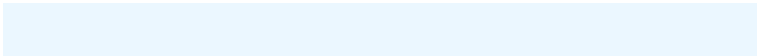
41.8874, 46.2494, 37.7380

Sweetspot

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



41.6498, 46.2513, 65.1256



85.5761, 91.6082, 107.7796



42.4485, 53.7899, 47.0754



17.9563, 19.2842, 23.0258



0.0000, 0.0000, 0.0000



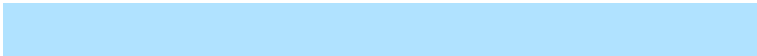
20.3446, 21.4041, 23.3091

Same Dimension

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



41.6498, 46.2513, 65.1256



63.0647, 70.6873, 104.9279



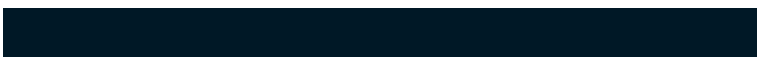
36.5232, 35.9980, 63.4167



11.1805, 12.0014, 14.2976



11.8473, 12.7185, 37.7868



0.6823, 0.7983, 1.9731

Inverse Universe

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



45.5460, 39.1247, 51.6076



70.4452, 57.7669, 79.1908



51.4995, 56.1447, 37.8297



11.5045, 11.3305, 13.1911



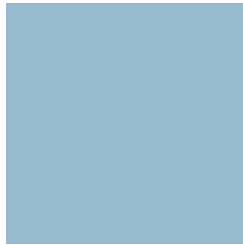
18.1909, 9.0869, 13.9896



0.9743, 0.4831, 0.9107

Previews

White Background



This preview shows how the XYZ color 41.6484, 46.2494, 65.1245 looks on a white background.

Color Contrast Check

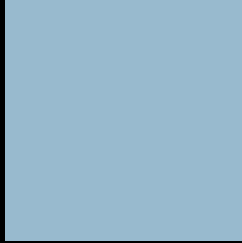
Large Text (above 18pt) WCAG AA × Fail

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 41.6484, 46.2494, 65.1245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

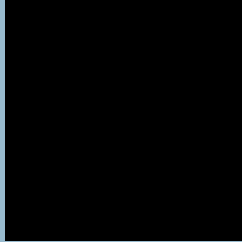
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

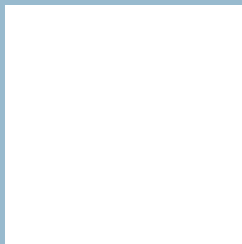
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.6484, 46.2494, 65.1245

Background



This preview shows how black text looks on a background with the XYZ color 41.6484, 46.2494, 65.1245.



This preview shows how white text looks on a background with the XYZ color 41.6484, 46.2494,

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

41.6484, 46.2494, 65.1245

Protanopia

45.1409, 45.9694, 62.3709

Deuteranopia

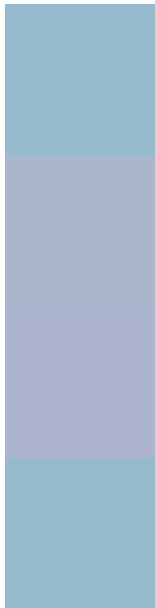
46.9181, 45.9190, 66.0649



Tritanopia

41.1935, 46.3842, 62.6590

Trichromacy



Original Color

41.6484, 46.2494, 65.1245

Protanomaly

43.8696, 46.2027, 63.1058

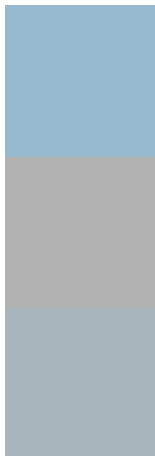
Deuteranomaly

44.8173, 46.0317, 65.5544

Tritanomaly

41.3123, 46.4318, 63.2847

Monochromacy



Original Color

41.6484, 46.2494, 65.1245

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.9632, 45.1136, 54.0731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6484, 46.2494, 65.1245 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(152, 186, 206)` looks like.

```
.text, #text, p{  
    color:rgb(152, 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(152, 186, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 206) }
```

Border

The CSS property to change the border of an element to XYZ 41.6484, 46.2494, 65.1245 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(152, 186, 206) }
```


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

```
.border{ border-color:rgb(152, 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(152, 186, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 186, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 186, 206);  
box-shadow:4px 4px 4px 4px rgb(152, 186,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6484, 46.2494, 65.1245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 186, 206) }
```

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

```
.background{ background-color: rgb(152,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor