

Converting Colors

XYZ(41.2477, 46.6059, 62.4351)

Have a look what the booklet for
XYZ(41.2477, 46.6059, 62.4351)
contains.

XYZ(41.4064, 46.8100, 62.7300)	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(41.4064, 46.8100,
62.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	97BCCA
RGB	151, 188, 202
RGB Percent	59%, 74%, 79%
CMY	0.4078, 0.2627, 0.2078
CMYK	0.25, 0.07, 0.00, 0.21
HSL	196°, 32%, 69%
HSV	196°, 25%, 79%
XYZ	41.4064, 46.8100, 62.7300
YIQ	178.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

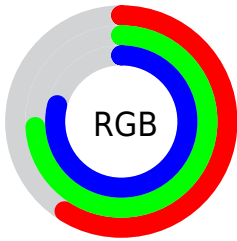
Format	Color
RYB	151, 172, 202
Decimal	9944266
CIELab	74.07, -9.19, -11.13
CIELCh	74, 14.432, 230.453
Yxy	46.8100, 0.2743, 0.3101
Android (android.graphics.Color)	4288134346 (0xFF97BCCA)
YUV	178.5330, 11.5692, -24.1464
Hunter-Lab	68.4178, -11.7032, -6.4685

Details

The XYZ color **41.4064, 46.8100, 62.7300** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3988, 41.7015, 35.0411**, and the grayscale version is **42.5511, 44.7671, 48.7513**.

A 20% lighter version of the original color is **75.8543, 85.0432, 107.0248**, and **19.1549, 22.1187, 31.2767** is the 20% darker color. If you saturate the color by 10%, you get **36.8125, 42.7182, 62.1831**, and if you desaturate by 10%, it is **46.6909, 51.3277, 63.3243**.

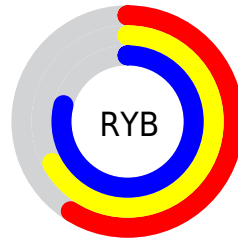
Distribution



Red (59%)

Green (74%)

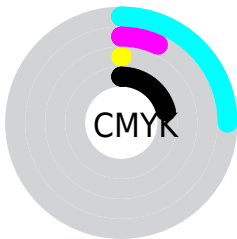
Blue (79%)



Red (59%)

Yellow (67%)

Blue (79%)

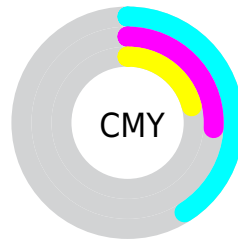


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (41%)

Magenta (26%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4064, 46.8100, 62.7300 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 41.4064, 46.8100, 62.7300 by changing the saturation by 10% instead.

■ 41.4064, 46.8100,
62.7300

■ 41.4064, 46.8100,
62.7300

343.0499,
374.0556, 452.6699

■ 28.8258, 32.8855,
45.1832

■ 76.5713, 85.4299,
110.3617

■ 19.0927, 22.0387,
31.2578

■ 99.8863, 110.8942,
141.2837

■ 11.8417, 13.8854,
20.5351

127.5101,
140.9737, 177.5012

■ 6.7074, 8.0410,
12.5967

159.8082,
176.0530, 219.4327

■ 3.3245, 4.1212,
7.0240

197.1459,
216.5165, 267.4968

■ 1.3276, 1.7416,
3.3984

239.8885,

■ 0.2037, 0.4504,

262.7485, 322.1120

1.3015

288.4014,
315.1334, 383.6968

■ 0.0000, 0.0000,
0.0630

■ 0.0000, 0.0000,
0.0000

■ 41.4064, 46.8100,
62.7300

■ 41.4064, 46.8100,
62.7300

■ 36.8125, 42.7182,
62.1831

■ 46.6909, 51.3277,
63.3243

■ 32.8718, 39.0288,
61.6787

■ 52.6928, 56.2823,
63.9643

■ 29.5495, 35.7243,
61.2159

■ 59.4424, 61.6914,
64.6526

■ 26.8059, 32.7833,
60.7929

■ 66.9670, 67.5698,
65.3906

■ 24.5961, 30.1820,
60.4073

■ 75.2924, 73.9315,
66.1798

■ 22.8682, 27.8928,
60.0565

■ 77.8285, 77.3797,
66.7117

■ 21.5591, 25.8824,
59.7374

■ 79.3190, 80.3608,
67.2085

■ 21.0259, 24.9946,
59.5941

■ 80.8584, 83.4395,
67.7216

■ 82.4470, 86.6167,
68.2512

Harmonies

Analogous

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



40.0025, 46.8100, 56.0969



41.4064, 46.8100, 62.7300



43.6736, 46.8100, 66.3055

Triad

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



41.4064, 46.8100, 62.7300



49.5663, 46.8100, 53.3615



42.7800, 46.8100, 38.7792

Complementary

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



41.4064, 46.8100, 62.7300



43.3988, 41.7015, 35.0411

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.



45.3195, 46.8100, 38.1995



41.4064, 46.8100, 62.7300



49.3044, 46.8100, 46.1619

Square

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



41.4064, 46.8100, 62.7300



48.4284, 46.8100, 60.5621



47.7262, 46.8100, 40.7768



40.7740, 46.8100, 42.4450

Rectangle

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



41.4064, 46.8100, 62.7300



45.3978, 46.8100, 66.2590



47.7262, 46.8100, 40.7768



43.5973, 46.8100, 38.2317

Sweetspot

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



41.4078, 46.8119, 62.7311



86.1787, 92.8136, 107.9804



40.6392, 51.5234, 43.2109



18.1086, 19.5887, 23.0765



0.0000, 0.0000, 0.0000



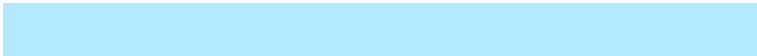
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4078, 46.8119, 62.7311



65.9487, 75.5916, 105.7225



36.5037, 37.0036, 61.0964



11.2728, 12.1860, 14.3284



13.6074, 16.2388, 38.3735



0.7633, 0.9603, 2.0001

Inverse Universe

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



44.5020, 38.3218, 52.6304



72.1118, 59.2408, 85.4781



48.3791, 51.6621, 36.7012



11.5511, 11.3492, 13.4365



19.0793, 9.4423, 18.6680



1.0152, 0.4995, 1.1260

Previews

White Background



This preview shows how the XYZ color 41.4064, 46.8100, 62.7300 looks on a white background.

Color Contrast Check

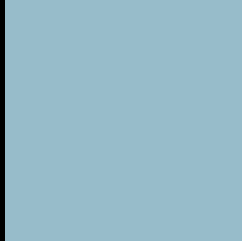
Large Text (above 18pt) WCAG AA × Fail

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 41.4064, 46.8100, 62.7300 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 41.4064, 46.8100, 62.7300

Background



This preview shows how black text looks on a background with the XYZ color 41.4064, 46.8100, 62.7300.



This preview shows how white text looks on a background with the XYZ color 41.4064, 46.8100,

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

41.4064, 46.8100, 62.7300

Protanopia

45.2217, 46.3770, 59.3915

Deuteranopia

47.6075, 46.6227, 63.6166



Tritanopia

41.5252, 46.8575, 63.3557

Trichromacy



Original Color

41.4064, 46.8100, 62.7300

Protanomaly

43.6045, 46.4255, 60.6956

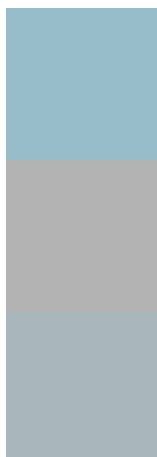
Deuteranomaly

44.9826, 46.4735, 63.0994

Tritanomaly

41.5252, 46.8575, 63.3557

Monochromacy



Original Color

41.4064, 46.8100, 62.7300

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.0598, 45.4788, 53.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4064, 46.8100, 62.7300 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, 188, 202)` looks like.

```
.text, #text, p{  
    color:rgb(151, 188, 202)  
}
```

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, 188, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 188, 202) }
```

Border

The CSS property to change the border of an element to XYZ 41.4064, 46.8100, 62.7300 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, 188, 202) }
```


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

```
.border{ border-color:rgb(151, 188, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 188, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 188, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 188, 202);  
box-shadow:4px 4px 4px 4px rgb(151, 188,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4064, 46.8100, 62.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 188, 202) }
```

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

```
.background{ background-color: rgb(151,  
188, 202) }
```

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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