

Converting Colors

XYZ(42.5926, 50.9823, 64.7224)

Have a look what the booklet for
XYZ(42.5926, 50.9823, 64.7224)
contains.

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Color

**XYZ(42.6502, 51.0461,
64.7317)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC7CC
RGB	143, 199, 204
RGB Percent	56%, 78%, 80%
CMY	0.4392, 0.2196, 0.2000
CMYK	0.30, 0.02, 0.00, 0.20
HSL	185°, 37%, 68%
HSV	185°, 30%, 80%
XYZ	42.6502, 51.0461, 64.7317
YIQ	182.8260, -34.9810, -10.3170

Conversions

Conversions Part 2

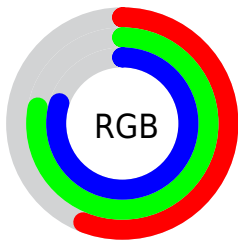
Format	Color
RYB	143, 172, 204
Decimal	9422796
CIELab	76.71, -16.81, -8.33
CIELCh	77, 18.757, 206.368
Yxy	51.0461, 0.2692, 0.3222
Android (android.graphics.Color)	4287612876 (0xFF8FC7CC)
YUV	182.8260, 10.4388, -34.9274
Hunter-Lab	71.4466, -18.4754, -3.7051

Details

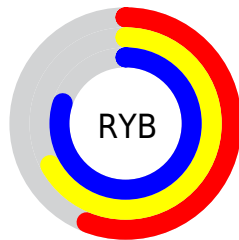
The XYZ color **42.6502, 51.0461, 64.7317** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.4503, 36.0008, 30.8046**, and the grayscale version is **44.8740, 47.2109, 51.4127**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **19.8469, 24.6265, 32.5615** is the 20% darker color. If you saturate the color by 10%, you get **39.0527, 48.6250, 64.4548**, and if you desaturate by 10%, it is **46.8971, 53.8108, 65.0424**.

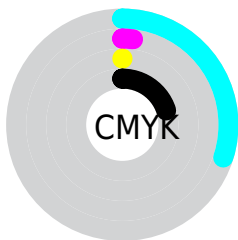
Distribution



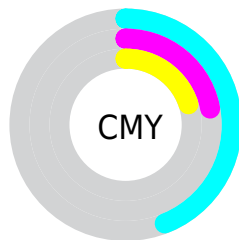
- Red (56%)
- Green (78%)
- Blue (80%)



- Red (56%)
- Yellow (67%)
- Blue (80%)



- Cyan (30%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)





- Cyan (44%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.6502, 51.0461, 64.7317 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 42.6502, 51.0461, 64.7317 by changing the saturation by 10% instead.

 42.6502, 51.0461,
64.7317


 42.6502, 51.0461,
64.7317


348.1172,
390.7429, 460.1070

 29.8041, 36.2453,
46.7936


 78.4417, 91.7229,
113.2736

 19.8373, 24.6237,
32.5193


 102.1179,
118.3677, 144.7145

 12.3844, 15.7969,
21.4904

130.1347,
149.7293, 181.4934

 7.0801, 9.3806,
13.2882

162.8577,
186.1921, 224.0289

 3.5590, 4.9902,
7.4942

200.6520,
228.1404, 272.7394

 1.4558, 2.2415,
3.6900

243.8831,

 0.2955, 0.7425,

275.9587, 328.0436

1.4569

292.9164,
330.0314, 390.3599

■ 0.0000, 0.0000,
0.1855

■ 0.0000, 0.0000,
0.0000

■ 42.6502, 51.0461,
64.7317

■ 42.6502, 51.0461,
64.7317

■ 39.0527, 48.6250,
64.4548

■ 46.8971, 53.8108,
65.0424

■ 36.0653, 46.5234,
64.2066

■ 51.8212, 56.9296,
65.3848

■ 33.6512, 44.7236,
63.9865

■ 57.4540, 60.4200,
65.7617

■ 31.7681, 43.2037,
63.7924

■ 63.8237, 64.2967,
66.1742

■ 30.3676, 41.9389,
63.6220

■ 70.9570, 68.5734,
66.6237

■ 29.3924, 40.8994,
63.4728

■ 74.9476, 71.2364,
66.9274

■ 28.7366, 40.0307,
63.3397

■ 75.3599, 72.0610,
67.0648

■ 28.7306, 40.0224,
63.3384

■ 75.7765, 72.8943,
67.2037

■ 76.1975, 73.7362,
67.3441

Harmonies

Analogous

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



42.0137, 51.0461, 54.3502



42.6502, 51.0461, 64.7317



44.8312, 51.0461, 73.5159

Triad

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



42.6502, 51.0461, 64.7317



54.4316, 51.0461, 67.1375



48.9519, 51.0461, 38.2505

Complementary

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



42.6502, 51.0461, 64.7317



40.4503, 36.0008, 30.8046

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.



52.4011, 51.0461, 40.8288



42.6502, 51.0461, 64.7317



55.6607, 51.0461, 56.8293

Square

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



42.6502, 51.0461, 64.7317



51.6159, 51.0461, 75.0197



54.9003, 51.0461, 47.3352



45.5462, 51.0461, 39.8279

Rectangle

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



42.6502, 51.0461, 64.7317



46.9253, 51.0461, 76.8474



54.9003, 51.0461, 47.3352



50.1459, 51.0461, 38.6509

Sweetspot

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



42.6517, 51.0481, 64.7329



86.5080, 94.7103, 108.3292



38.1933, 51.1350, 35.4894



18.2406, 20.0993, 23.1681



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.



42.6517, 51.0481, 64.7329



66.6026, 81.8424, 106.8946



36.4966, 38.7379, 62.6812



11.4616, 12.5636, 14.3913



18.1159, 25.2557, 39.8763



0.9584, 1.3505, 2.0651

Inverse Universe

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



45.0343, 36.6070, 58.7274



71.2352, 54.2705, 95.1043



45.6951, 46.4902, 32.5529



11.6464, 11.3873, 13.9383



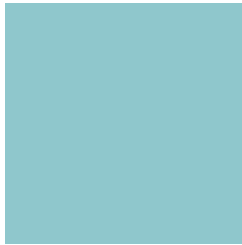
21.3550, 10.3526, 30.6515



1.1137, 0.5389, 1.6445

Previews

White Background



This preview shows how the XYZ color 42.6502, 51.0461, 64.7317 looks on a white background.

Color Contrast Check

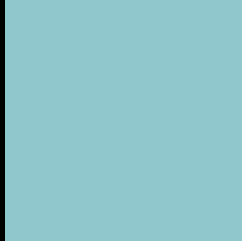
Large Text (above 18pt) WCAG AA × Fail

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 42.6502, 51.0461, 64.7317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

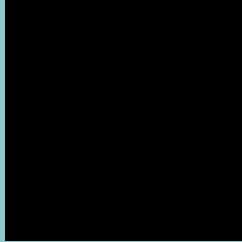
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6502, 51.0461, 64.7317

Background



This preview shows how black text looks on a background with the XYZ color 42.6502, 51.0461, 64.7317.



This preview shows how white text looks on a background with the XYZ color 42.6502, 51.0461,

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

42.6502, 51.0461, 64.7317

Protanopia

49.2965, 50.9448, 60.0585

Deuteranopia

51.4847, 50.3777, 66.0418



Tritanopia

43.8814, 51.2120, 70.5229

Trichromacy



Original Color

42.6502, 51.0461, 64.7317

Protanomaly

46.5085, 50.7536, 61.9888

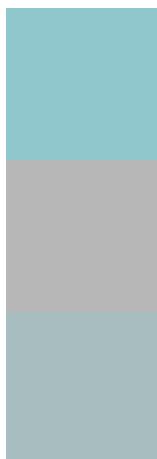
Deuteranomaly

47.6983, 50.3164, 65.5906

Tritanomaly

43.3285, 50.9706, 68.5274

Monochromacy



Original Color

42.6502, 51.0461, 64.7317

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

43.7500, 48.4816, 56.3422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6502, 51.0461, 64.7317 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(143, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 199, 204)  
}
```

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(143, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 199, 204) }
```

Border

The CSS property to change the border of an element to XYZ 42.6502, 51.0461, 64.7317 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(143, 199, 204) }
```


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

```
.border{ border-color:rgb(143, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 199,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6502, 51.0461, 64.7317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 199, 204) }
```

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

```
.background{ background-color: rgb(143,  
199, 204) }
```

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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