

Converting Colors

XYZ(40.4847, 45.4748, 62.6457)

Have a look what the booklet for
XYZ(40.4847, 45.4748, 62.6457)
contains.

| | |
|--|----|
| XYZ(40.4041, 45.3518, 62.5014) | 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(40.4041, 45.3518,
62.5014)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 95B9CA |
| RGB | 149, 185, 202 |
| RGB Percent | 58%, 73%, 79% |
| CMY | 0.4157, 0.2745, 0.2078 |
| CMYK | 0.26, 0.08, 0.00, 0.21 |
| HSL | 199°, 33%, 69% |
| HSV | 199°, 26%, 79% |
| XYZ | 40.4041, 45.3518, 62.5014 |
| YIQ | 176.1740, -26.9130, -2.3450 |

Conversions

Conversions Part 2

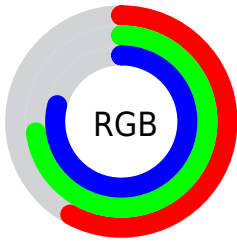
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 149, 170, 202 |
| Decimal | 9812426 |
| CIE Lab | 73.12, -8.20, -12.56 |
| CIE LCh | 73, 14.996, 236.857 |
| Yxy | 45.3518, 0.2725, 0.3059 |
| Android (android.graphics.Color) | 4288002506 (0xFF95B9CA) |
| YUV | 176.1740, 12.7322, -23.8316 |
| Hunter-Lab | 67.3437, -10.7572, -7.8861 |

Details

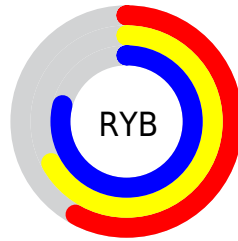
The XYZ color **40.4041, 45.3518, 62.5014** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.4187, 41.9992, 34.2531**, and the grayscale version is **41.3044, 43.4555, 47.3230**.

A 20% lighter version of the original color is **74.4071, 82.9680, 106.7005**, and **18.5263, 21.1820, 31.1291** is the 20% darker color. If you saturate the color by 10%, you get **35.7092, 40.9662, 61.9031**, and if you desaturate by 10%, it is **45.8027, 50.1941, 63.1523**.

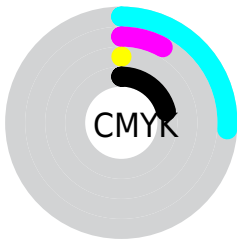
Distribution



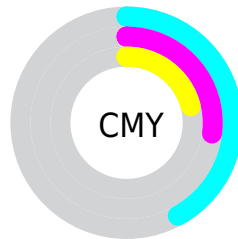
- Red (58%)
- Green (73%)
- Blue (79%)



- Red (58%)
- Yellow (67%)
- Blue (79%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (42%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4041, 45.3518, 62.5014 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 40.4041, 45.3518, 62.5014 by changing the saturation by 10% instead.

■ 40.4041, 45.3518,
62.5014

■ 40.4041, 45.3518,
62.5014

338.9291,
368.1965, 451.8157

■ 28.0394, 31.7346,
44.9996

■ 75.0589, 83.2481,
110.0285

■ 18.4959, 21.1589,
31.1141

■ 98.0797, 108.2960,
140.8908

■ 11.4085, 13.2402,
20.4266

125.3832,
137.9229, 177.0437

■ 6.4116, 7.5941,
12.5184

157.3348,
172.5132, 218.9057

■ 3.1400, 3.8364,
6.9709

194.2998,
212.4513, 266.8954

■ 1.2282, 1.5825,
3.3658

236.6437,

■ 0.1285, 0.3457,

258.1216, 321.4313

1.2843

284.7317,
309.9086, 382.9319

■ 0.0000, 0.0000,
0.0489

■ 0.0000, 0.0000,
0.0000

■ 40.4041, 45.3518,
62.5014

■ 40.4041, 45.3518,
62.5014

■ 35.7092, 40.9662,
61.9031

■ 45.8027, 50.1941,
63.1523

■ 31.6801, 37.0132,
61.3525

■ 51.9323, 55.5050,
63.8543

■ 28.2814, 33.4744,
60.8485

■ 58.8237, 61.3026,
64.6102

■ 25.4724, 30.3277,
60.3892

■ 66.5046, 67.6025,
65.4213

■ 23.2075, 27.5481,
59.9721

■ 75.0015, 74.4192,
66.2892

■ 21.4337, 25.1071,
59.5944

■ 78.5228, 78.7684,
66.9431

■ 20.0836, 22.9686,
59.2528

■ 80.2961, 82.3148,
67.5342

■ 19.6372, 22.2172,
59.1313

■ 82.1363, 85.9954,
68.1476

■ 84.0444, 89.8114,
68.7836

Harmonies

Analogous

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



38.7570, 45.3518, 56.2037



40.4041, 45.3518, 62.5014



42.8293, 45.3518, 65.2680

Triad

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



40.4041, 45.3518, 62.5014



48.3449, 45.3518, 50.1774



40.8650, 45.3518, 37.5730

Complementary

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



40.4041, 45.3518, 62.5014



43.4187, 41.9992, 34.2531

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.



43.3829, 45.3518, 36.3061



40.4041, 45.3518, 62.5014



47.7677, 45.3518, 43.1330

Square

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



40.4041, 45.3518, 62.5014



47.4719, 45.3518, 57.7138



45.9248, 45.3518, 38.2376



39.0155, 45.3518, 41.8905

Rectangle

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



40.4041, 45.3518, 62.5014



44.5860, 45.3518, 64.5487



45.9248, 45.3518, 38.2376



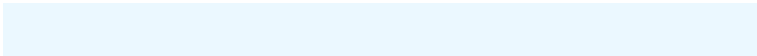
41.6582, 45.3518, 36.7965

Sweetspot

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



40.4055, 45.3536, 62.5024



85.8872, 92.2306, 107.8833



40.3790, 51.3768, 43.7618



18.0349, 19.4414, 23.0520



0.0000, 0.0000, 0.0000



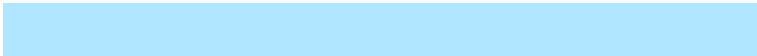
20.3446, 21.4041, 23.3091

Same Dimension

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



40.4055, 45.3536, 62.5024



64.1420, 72.8418, 105.2870



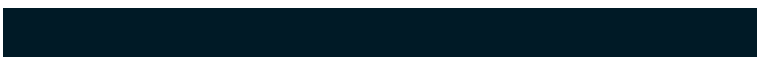
35.4056, 35.3539, 60.8358



11.2281, 12.0967, 14.3135



12.7196, 14.4633, 38.0776



0.7229, 0.8796, 1.9866

Inverse Universe

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



43.8627, 37.5554, 50.8381



70.9890, 57.9844, 82.0541



48.6947, 52.5512, 36.0118



11.5285, 11.3401, 13.3177



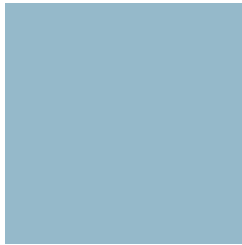
18.6312, 9.2631, 16.3084



0.9948, 0.4913, 1.0187

Previews

White Background



This preview shows how the XYZ color 40.4041, 45.3518, 62.5014 looks on a white background.

Color Contrast Check

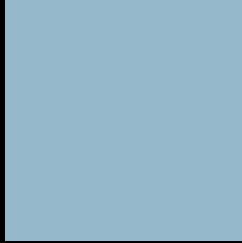
Large Text (above 18pt) WCAG AA × Fail

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 40.4041, 45.3518, 62.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

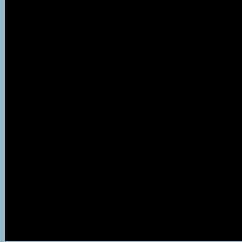
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

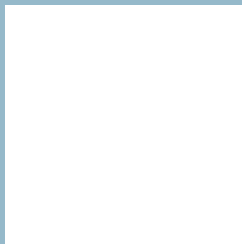
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4041, 45.3518, 62.5014

Background



This preview shows how black text looks on a background with the XYZ color 40.4041, 45.3518, 62.5014.



This preview shows how white text looks on a background with the XYZ color 40.4041, 45.3518,

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

40.4041, 45.3518, 62.5014

Protanopia

44.1299, 45.2191, 59.2256

Deuteranopia

46.2366, 45.3339, 63.4401



Tritanopia

40.1687, 45.2576, 61.2621

Trichromacy



Original Color

40.4041, 45.3518, 62.5014

Protanomaly

42.7690, 45.3868, 60.5392

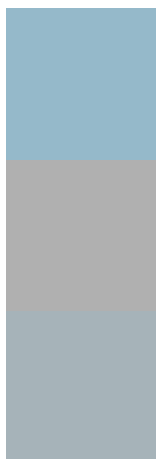
Deuteranomaly

43.9128, 45.3227, 62.9336

Tritanomaly

40.2860, 45.3045, 61.8797

Monochromacy



Original Color

40.4041, 45.3518, 62.5014

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.6029, 43.8500, 52.2228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4041, 45.3518, 62.5014 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, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(149, 185, 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(149, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 185, 202) }
```

Border

The CSS property to change the border of an element to XYZ 40.4041, 45.3518, 62.5014 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, 185, 202) }
```


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

```
.border{ border-color:rgb(149, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 185, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 185, 202); box-shadow:4px 4px 4px 4px rgb(149, 185, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4041, 45.3518, 62.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 185, 202) }
```

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

```
.background{ background-color: rgb(149,  
185, 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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