

Converting Colors

XYZ(40.0811, 46.3858, 62.3771)

Have a look what the booklet for
XYZ(40.0811, 46.3858, 62.3771)
contains.

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Color

**XYZ(40.0679, 46.4519,
62.1126)**

Conversions

Conversions Part 1

Format	Color
Hex	8FBDC9
RGB	143, 189, 201
RGB Percent	56%, 74%, 79%
CMY	0.4392, 0.2588, 0.2118
CMYK	0.29, 0.06, 0.00, 0.21
HSL	192°, 35%, 67%
HSV	192°, 29%, 79%
XYZ	40.0679, 46.4519, 62.1126
YIQ	176.6140, -31.2680, -6.0200

Conversions

Conversions Part 2

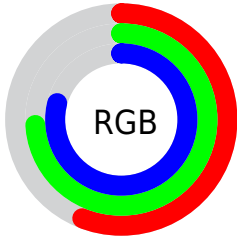
Format	Color
RYB	143, 169, 201
Decimal	9420233
CIELab	73.84, -12.33, -10.98
CIELCh	74, 16.506, 221.690
Yxy	46.4519, 0.2696, 0.3125
Android (android.graphics.Color)	4287610313 (0xFF8FBDC9)
YUV	176.6140, 12.0223, -29.4795
Hunter-Lab	68.1556, -14.3343, -6.3241

Details

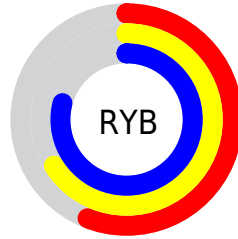
The XYZ color **40.0679, 46.4519, 62.1126** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.7672, 37.8436, 31.1435**, and the grayscale version is **41.5395, 43.7028, 47.5923**.

A 20% lighter version of the original color is **73.9911, 84.5306, 107.0240**, and **18.3850, 21.9390, 30.8694** is the 20% darker color. If you saturate the color by 10%, you get **36.0139, 43.0543, 61.6712**, and if you desaturate by 10%, it is **44.7738, 50.2259, 62.5938**.

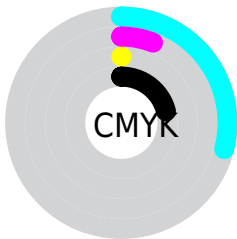
Distribution



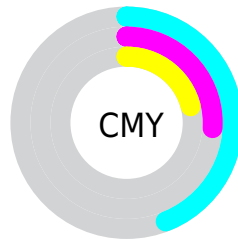
- Red (56%)
- Green (74%)
- Blue (79%)



- Red (56%)
- Yellow (66%)
- Blue (79%)



- Cyan (29%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)



- Cyan (44%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.0679, 46.4519, 62.1126 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 40.0679, 46.4519, 62.1126 by changing the saturation by 10% instead.

■ 40.0679, 46.4519,
62.1126

■ 40.0679, 46.4519,
62.1126

337.5392,
372.6225, 450.3607

■ 27.7759, 32.6026,
44.6873

■ 74.5506, 84.8949,
109.4614

■ 18.2964, 21.8222,
30.8701

■ 97.4720, 110.2574,
140.2220

■ 11.2640, 13.7263,
20.2423

124.6673,
140.2263, 176.2649

■ 6.3133, 7.9305,
12.3855

156.5018,
175.1862, 218.0084

■ 3.0790, 4.0505,
6.8810

193.3409,
215.5213, 265.8712

■ 1.1957, 1.7019,
3.3105

235.5499,

■ 0.1029, 0.4249,

261.6162, 320.2718

1.2553

283.4942,
313.8551, 381.6288

■ 0.0000, 0.0000,
0.0247

■ 0.0000, 0.0000,
0.0000

■ 40.0679, 46.4519,
62.1126

■ 40.0679, 46.4519,
62.1126

■ 36.0139, 43.0543,
61.6712

■ 44.7738, 50.2259,
62.5938

■ 32.5741, 40.0100,
61.2649

■ 50.1584, 54.3870,
63.1132

■ 29.7133, 37.3015,
60.8929

■ 56.2521, 58.9524,
63.6732

■ 27.3908, 34.9077,
60.5533

■ 63.0821, 63.9364,
64.2752

■ 25.5605, 32.8045,
60.2438

■ 70.6744, 69.3525,
64.9205

■ 24.1681, 30.9634,
59.9618

■ 75.8169, 73.5454,
65.4588

■ 23.1248, 29.3384,
59.7031

■ 76.8824, 75.6764,
65.8139

■ 23.0137, 29.1589,
59.6744

■ 77.9749, 77.8614,
66.1781

■ 79.0947, 80.1010,
66.5514

Harmonies

Analogous

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



38.8500, 46.4519, 53.9257



40.0679, 46.4519, 62.1126



42.4011, 46.4519, 67.5341

Triad

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



40.0679, 46.4519, 62.1126



49.7309, 46.4519, 55.8298



43.0170, 46.4519, 36.3393

Complementary

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



40.0679, 46.4519, 62.1126



40.7672, 37.8436, 31.1435

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.



45.9486, 46.4519, 36.7283



40.0679, 46.4519, 62.1126



49.9138, 46.4519, 47.3722

Square

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



40.0679, 46.4519, 62.1126



48.0136, 46.4519, 63.6389



48.5028, 46.4519, 40.5682



40.5015, 46.4519, 39.4392

Rectangle

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



40.0679, 46.4519, 62.1126



44.3179, 46.4519, 68.5230



48.5028, 46.4519, 40.5682



43.9848, 46.4519, 36.0765

Sweetspot

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



40.0693, 46.4538, 62.1137



85.6091, 92.9125, 108.0296



38.0981, 49.9669, 38.4721



18.0177, 19.6535, 23.0938



0.0000, 0.0000, 0.0000



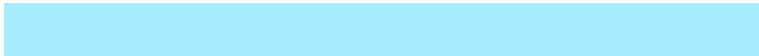
20.3446, 21.4041, 23.3091

Same Dimension

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



40.0693, 46.4538, 62.1137



63.8741, 75.6011, 105.8337



34.5115, 35.3383, 60.2611



10.7532, 11.6806, 13.6053



14.5372, 18.4684, 37.5429



0.7366, 0.9711, 1.7938

Inverse Universe

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



43.0963, 35.7377, 52.7729



70.0494, 54.5291, 86.6004



46.1037, 48.5166, 32.9224



10.9855, 10.7776, 12.9068



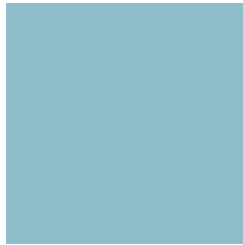
19.1371, 9.4044, 21.7294



0.9305, 0.4550, 1.1573

Previews

White Background



This preview shows how the XYZ color 40.0679, 46.4519, 62.1126 looks on a white background.

Color Contrast Check

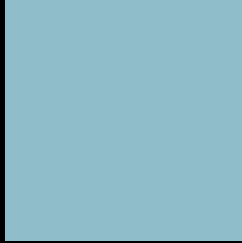
Large Text (above 18pt) WCAG AA × Fail

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 40.0679, 46.4519, 62.1126 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 40.0679, 46.4519, 62.1126

Background



This preview shows how black text looks on a background with the XYZ color 40.0679, 46.4519, 62.1126.

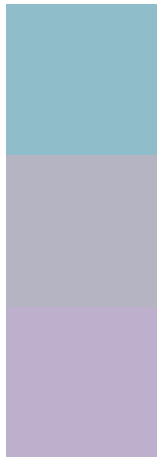


This preview shows how white text looks on a background with the XYZ color 40.0679, 46.4519,

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

40.0679, 46.4519, 62.1126

Protanopia

44.9940, 46.2859, 58.1924

Deuteranopia

47.1635, 46.1017, 63.5395



Tritanopia

40.5983, 46.6841, 63.9979

Trichromacy



Original Color

40.0679, 46.4519, 62.1126

Protanomaly

42.9479, 46.1137, 59.4606

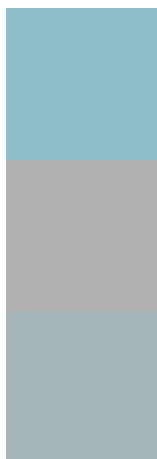
Deuteranomaly

44.3166, 46.1302, 63.0682

Tritanomaly

40.4787, 46.6363, 63.3682

Monochromacy



Original Color

40.0679, 46.4519, 62.1126

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.9038, 44.5923, 52.9057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.0679, 46.4519, 62.1126 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, 189, 201)` looks like.

```
.text, #text, p{  
    color:rgb(143, 189, 201)  
}
```

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, 189, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 189, 201) }
```

Border

The CSS property to change the border of an element to XYZ 40.0679, 46.4519, 62.1126 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, 189, 201) }
```


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

```
.border{ border-color:rgb(143, 189, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 189, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 189, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 189, 201);  
box-shadow:4px 4px 4px 4px rgb(143, 189,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 40.0679, 46.4519, 62.1126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 189, 201) }
```

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

```
.background{ background-color: rgb(143,  
189, 201) }
```

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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