

Converting Colors

XYZ(40.9626, 51.3118, 76.1518)

Have a look what the booklet for
XYZ(40.9626, 51.3118, 76.1518)
contains.

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Color

**XYZ(40.9626, 51.3118,
76.1518)**

Conversions

Conversions Part 1

Format	Color
Hex	6FCBDD
RGB	111, 203, 221
RGB Percent	44%, 80%, 87%
CMY	0.5647, 0.2039, 0.1333
CMYK	0.50, 0.08, 0.00, 0.13
HSL	190°, 62%, 65%
HSV	190°, 50%, 87%
XYZ	40.9626, 51.3118, 76.1518
YIQ	177.5440, -60.6100, -13.9060

Conversions

Conversions Part 2

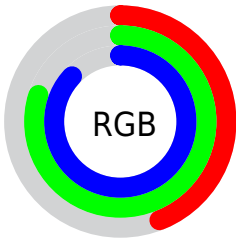
Format	Color
R _Y B	111, 161, 221
Decimal	7326685
CIE Lab	76.87, -22.61, -17.41
CIE LCh	77, 28.542, 217.596
Yxy	51.3118, 0.2432, 0.3047
Android (android.graphics.Color)	4285516765 (0xFF6FCBDD)
YUV	177.5440, 21.4238, -58.3591
Hunter-Lab	71.6323, -23.2820, -12.8882

Details

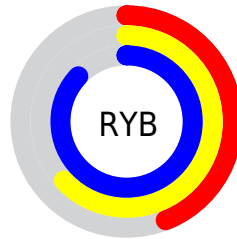
The XYZ color **40.9626, 51.3118, 76.1518** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **40.5394, 32.2215, 19.1231**, and the grayscale version is **41.9911, 44.1779, 48.1097**.

A 20% lighter version of the original color is **70.1722, 87.1750, 107.7357**, and **18.8970, 24.9010, 39.8868** is the 20% darker color. If you saturate the color by 10%, you get **37.6746, 48.3649, 75.7572**, and if you desaturate by 10%, it is **44.9615, 54.6571, 76.5877**.

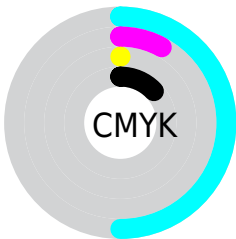
Distribution



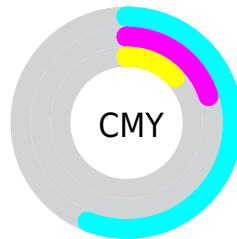
- Red (44%)
- Green (80%)
- Blue (87%)



- Red (44%)
- Yellow (63%)
- Blue (87%)



- Cyan (50%)
- Magenta (8%)
- Yellow (0%)
- Black (13%)



- Cyan (56%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.9626, 51.3118, 76.1518 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 40.9626, 51.3118, 76.1518 by changing the saturation by 10% instead.

40.9626, 51.3118,
76.1518

40.9626, 51.3118,
76.1518

341.2295,
391.7740, 501.2278

28.4774, 36.4568,
56.0496

75.9022, 92.1155,
129.7035

18.8281, 24.7872,
39.8384

99.0873, 118.8330,
163.9901

11.6494, 15.9186,
27.0998

126.5697,
150.2735, 203.8419

6.5759, 9.4666,
17.4151

158.7149,
186.8213, 249.6774

3.2423, 5.0467,
10.3658

195.8881,
228.8608, 301.9152

1.2832, 2.2747,
5.5334

238.4547,

0.1706, 0.7603,

276.7766, 360.9739

2.4993

286.7800,
330.9528, 427.2719

■ 0.0000, 0.0000,
0.8398

■ 0.0000, 0.0000,
0.0000

■ 40.9626, 51.3118,
76.1518

■ 40.9626, 51.3118,
76.1518

■ 37.6746, 48.3649,
75.7572

■ 44.9615, 54.6571,
76.5877

■ 35.0410, 45.7835,
75.3978

■ 49.7131, 58.4190,
77.0633

■ 33.0042, 43.5391,
75.0719

■ 55.2614, 62.6216,
77.5821

■ 31.4942, 41.5951,
74.7763

■ 61.6458, 67.2854,
78.1458

■ 30.3904, 39.8893,
74.5052

■ 68.9029, 72.4293,
78.7562

■ 30.3668, 39.8516,
74.4991

■ 77.0671, 78.0715,
79.4149

■ 82.1217, 82.1414,
79.9341

■ 83.1288, 84.1556,
80.2698

■ 84.1569, 86.2116,
80.6125

Harmonies

Analogous

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



39.1432, 51.3118, 59.9129



40.9626, 51.3118, 76.1518



44.9012, 51.3118, 88.2943

Triad

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



40.9626, 51.3118, 76.1518



59.0650, 51.3118, 68.0485



47.4043, 51.3118, 31.1791

Complementary

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



40.9626, 51.3118, 76.1518



40.5394, 32.2215, 19.1231

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.



52.8555, 51.3118, 32.5497



40.9626, 51.3118, 76.1518



59.8592, 51.3118, 52.0129

Square

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



40.9626, 51.3118, 76.1518



55.4158, 51.3118, 83.0438



57.5120, 51.3118, 39.5525



42.6786, 51.3118, 35.3830

Rectangle

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



40.9626, 51.3118, 76.1518



48.3340, 51.3118, 91.3531



57.5120, 51.3118, 39.5525



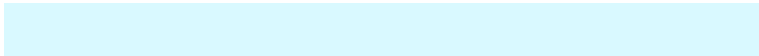
49.2093, 51.3118, 31.0195

Sweetspot

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



40.9642, 51.3138, 76.1530



80.3868, 89.5250, 107.6510



36.2767, 56.6389, 29.2719



16.8121, 18.8729, 23.0067



0.0000, 0.0000, 0.0000



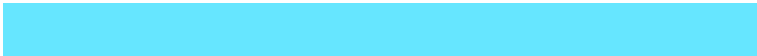
20.3446, 21.4041, 23.3091

Same Dimension

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



40.9642, 51.3138, 76.1530



51.8167, 66.6192, 104.7355



30.4348, 30.2550, 72.6432



13.2541, 14.4479, 16.7423



17.7112, 23.2919, 43.3007



1.1968, 1.6077, 2.8217

Inverse Universe

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



46.2840, 31.0543, 60.0566



60.2695, 36.4740, 78.7011



49.5198, 50.1823, 22.1166



13.5181, 13.2363, 15.9896



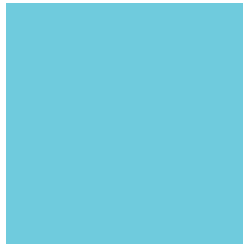
22.4351, 10.9751, 27.7351



1.4784, 0.7210, 1.9281

Previews

White Background



This preview shows how the XYZ color 40.9626, 51.3118, 76.1518 looks on a white background.

Color Contrast Check

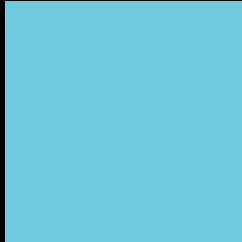
Large Text (above 18pt) WCAG AA × Fail

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 40.9626, 51.3118, 76.1518 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 40.9626, 51.3118, 76.1518

Background



This preview shows how black text looks on a background with the XYZ color 40.9626, 51.3118, 76.1518.

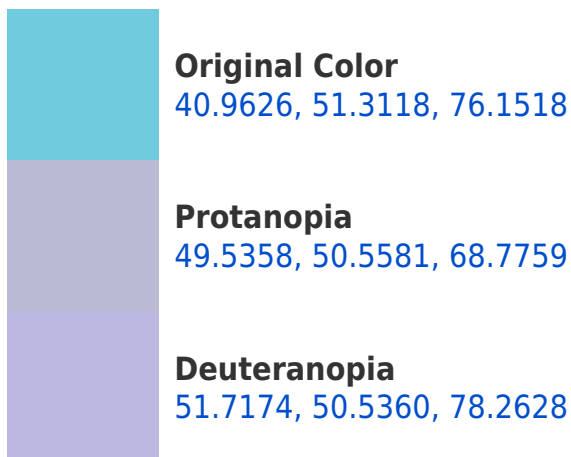


This preview shows how white text looks on a background with the XYZ color 40.9626, 51.3118,

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





Tritanopia

40.8297, 51.2587, 75.4521

Trichromacy



Original Color

40.9626, 51.3118, 76.1518

Protanomaly

45.4363, 50.3153, 71.6071

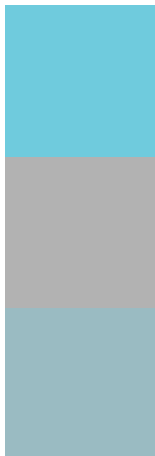
Deuteranomaly

46.7833, 50.2205, 77.7488

Tritanomaly

40.8297, 51.2587, 75.4521

Monochromacy



Original Color

40.9626, 51.3118, 76.1518

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.8344, 46.3057, 57.8246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.9626, 51.3118, 76.1518 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(111, 203, 221)` looks like.

```
.text, #text, p{  
    color:rgb(111, 203, 221)  
}
```

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(111, 203, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 203, 221) }
```

Border

The CSS property to change the border of an element to XYZ 40.9626, 51.3118, 76.1518 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(111, 203, 221) }
```


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

```
.border{ border-color:rgb(111, 203, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 203, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 203, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 203, 221); box-shadow:4px 4px 4px 4px rgb(111, 203, 221) }
```

Background

The CSS property to change the background color of an element to XYZ 40.9626, 51.3118, 76.1518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 203, 221) }
```

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

```
.background{ background-color: rgb(111,  
203, 221) }
```

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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