

Converting Colors

XYZ(10.4266, 13.1357, 18.2056)

Have a look what the booklet for
XYZ(10.4266, 13.1357, 18.2056)
contains.

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Color

**XYZ(10.4266, 13.1357,
18.2056)**

Conversions

Conversions Part 1

Format	Color
Hex	3C6D73
RGB	60, 109, 115
RGB Percent	24%, 43%, 45%
CMY	0.7647, 0.5725, 0.5490
CMYK	0.48, 0.05, 0.00, 0.55
HSL	187°, 31%, 34%
HSV	187°, 48%, 45%
XYZ	10.4266, 13.1357, 18.2056
YIQ	95.0330, -31.1300, -8.5220

Conversions

Conversions Part 2

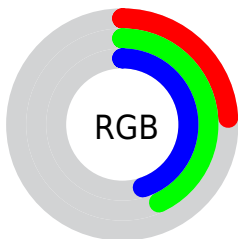
Format	Color
RYB	60, 86, 115
Decimal	3960179
CIELab	42.97, -14.82, -8.52
CIELCh	43, 17.088, 209.887
Yxy	13.1357, 0.2496, 0.3145
Android (android.graphics.Color)	4282150259 (0xFF3C6D73)
YUV	95.0330, 9.8437, -30.7239
Hunter-Lab	36.2432, -12.0740, -4.4122

Details

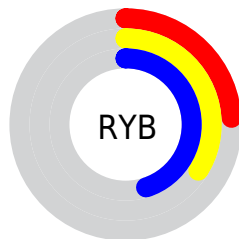
The XYZ color **10.4266, 13.1357, 18.2056** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.8343, 7.8677, 5.2756**, and the grayscale version is **10.8679, 11.4339, 12.4515**.

A 20% lighter version of the original color is **26.2755, 31.6593, 41.2852**, and **2.7194, 3.7621, 5.8930** is the 20% darker color. If you saturate the color by 10%, you get **9.6733, 12.5504, 18.1326**, and if you desaturate by 10%, it is **11.3337, 13.8037, 18.2870**.

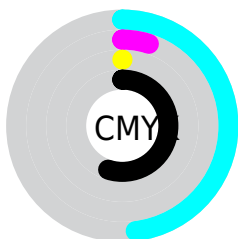
Distribution



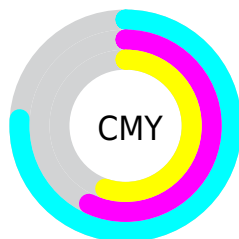
- Red (24%)
- Green (43%)
- Blue (45%)



- Red (24%)
- Yellow (34%)
- Blue (45%)



- Cyan (48%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



- Cyan (76%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4266, 13.1357, 18.2056 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 10.4266, 13.1357, 18.2056 by changing the saturation by 10% instead.

■ 10.4266, 13.1357,
18.2056

■ 10.4266, 13.1357,
18.2056

187.6810,
211.7855, 254.3023

■ 5.7471, 7.5221,
10.9267

■ 26.2373, 31.5474,
41.2060

■ 2.7311, 3.7907,
5.9040

■ 38.0993, 45.1142,
57.7646

■ 1.0132, 1.5572,
2.7190

■ 53.0861, 62.1008,
78.2536

■ 0.0000, 0.3285,
0.9530

■ 71.5632, 82.8917,
103.0914

■ 0.0000, 0.0000,
0.0000

■ 93.8959, 107.8712,
132.6967

■ 120.4495,

137.4238, 167.4879

151.5894,
171.9337, 207.8836

■ 10.4266, 13.1357,
18.2056

■ 10.4266, 13.1357,
18.2056

■ 9.6733, 12.5504,
18.1326

■ 11.3337, 13.8037,
18.2870

■ 9.0626, 12.0411,
18.0665

■ 12.4024, 14.5576,
18.3761

■ 8.5839, 11.6028,
18.0071

■ 13.6413, 15.4020,
18.4738

■ 8.2244, 11.2286,
17.9538

■ 15.0582, 16.3411,
18.5804

■ 7.9493, 10.9008,
17.9050

■ 16.6604, 17.3786,
18.6962

■ 7.8910, 10.8306,
17.8946

■ 18.4547, 18.5181,
18.8216

■ 20.4476, 19.7628,
18.9568

■ 22.6452, 21.1160,
19.1022

■ 25.0536, 22.5807,
19.2580

Harmonies

Analogous

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



10.1324, 13.1357, 14.2884



10.4266, 13.1357, 18.2056



11.2639, 13.1357, 21.4922

Triad

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



10.4266, 13.1357, 18.2056



14.7926, 13.1357, 18.2344



12.4900, 13.1357, 8.2349

Complementary

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



10.4266, 13.1357, 18.2056



9.8343, 7.8677, 5.2756

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.



13.7916, 13.1357, 8.9271



10.4266, 13.1357, 18.2056



15.1764, 13.1357, 14.3167

Square

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



10.4266, 13.1357, 18.2056



13.7824, 13.1357, 21.5107



14.7981, 13.1357, 11.0015



11.2719, 13.1357, 8.9167

Rectangle

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



10.4266, 13.1357, 18.2056



12.0481, 13.1357, 22.6420



14.7981, 13.1357, 11.0015



12.9325, 13.1357, 8.3127

Sweetspot

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



10.4270, 13.1362, 18.2059



25.2673, 28.1417, 33.1447



8.9632, 13.6099, 7.2322



5.9252, 6.6451, 7.8993



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



10.4270, 13.1362, 18.2059



17.2401, 22.4080, 32.4610



7.9756, 8.2334, 17.3888



3.7509, 4.0904, 4.6821



9.0116, 12.3628, 20.4539



43.5316, 59.4799, 99.5467

Inverse Universe

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



11.4467, 7.9810, 15.4057



19.3483, 12.1982, 26.5715



11.8005, 11.8001, 5.9310



3.8103, 3.7514, 4.5276



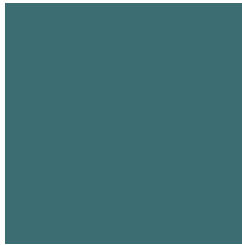
10.8458, 5.2720, 14.9278



52.6595, 25.6139, 71.7274

Previews

White Background



This preview shows how the XYZ color 10.4266, 13.1357, 18.2056 looks on a white 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 × Fail

Black Background



This preview shows how the XYZ color 10.4266, 13.1357, 18.2056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.4266, 13.1357, 18.2056

Background



This preview shows how black text looks on a background with the XYZ color 10.4266, 13.1357, 18.2056.



This preview shows how white text looks on a background with the XYZ color 10.4266, 13.1357,

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

10.4266, 13.1357, 18.2056

Protanopia

12.6272, 12.9495, 16.5858

Deuteranopia

13.2662, 13.0916, 18.6573



Tritanopia

10.6040, 13.2137, 18.8212

Trichromacy



Original Color

10.4266, 13.1357, 18.2056

Protanomaly

11.5212, 12.8016, 17.1930

Deuteranomaly

11.9331, 12.9877, 18.4009

Tritanomaly

10.5455, 13.1903, 18.5132

Monochromacy



Original Color

10.4266, 13.1357, 18.2056

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.4351, 11.8675, 14.3110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4266, 13.1357, 18.2056 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(60, 109, 115)` looks like.

```
.text, #text, p{  
    color:rgb(60, 109, 115)  
}
```

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(60, 109, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 109, 115) }
```

Border

The CSS property to change the border of an element to XYZ 10.4266, 13.1357, 18.2056 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(60, 109, 115) }
```


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

```
.border{ border-color:rgb(60, 109, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 109, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 109, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 109, 115);  
box-shadow:4px 4px 4px 4px rgb(60, 109,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4266, 13.1357, 18.2056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 109, 115) }
```

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

```
.background{ background-color: rgb(60, 109,  
115) }
```

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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