

Converting Colors

XYZ(10.4974, 13.9066, 17.9198)

Have a look what the booklet for
XYZ(10.4974, 13.9066, 17.9198)
contains.

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Color

**XYZ(10.4637, 13.8094,
18.0336)**

Conversions

Conversions Part 1

Format	Color
Hex	367172
RGB	54, 113, 114
RGB Percent	21%, 44%, 45%
CMY	0.7882, 0.5569, 0.5529
CMYK	0.53, 0.01, 0.00, 0.55
HSL	181°, 36%, 33%
HSV	181°, 53%, 45%
XYZ	10.4637, 13.8094, 18.0336
YIQ	95.4730, -35.4850, -12.1970

Conversions

Conversions Part 2

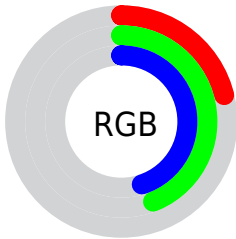
Format	Color
RYB	54, 84, 114
Decimal	3567986
CIELab	43.96, -18.80, -6.46
CIElCh	44, 19.883, 198.953
Yxy	13.8094, 0.2473, 0.3264
Android (android.graphics.Color)	4281758066 (0xFF367172)
YUV	95.4730, 9.1338, -36.3718
Hunter-Lab	37.1610, -14.7702, -2.7597




Details

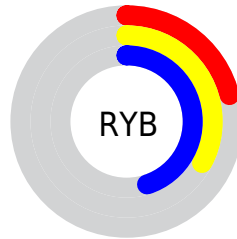
The XYZ color **10.4637, 13.8094, 18.0336** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.9717, 6.5764, 4.2869**, and the grayscale version is **10.9760, 11.5476, 12.5753**.




A 20% lighter version of the original color is **26.2819, 32.7276, 41.0082**, and **2.8737, 4.1739, 5.8084** is the 20% darker color. If you saturate the color by 10%, you get **9.9012, 13.4883, 18.0015**, and if you desaturate by 10%, it is **11.1706, 14.2056, 18.0731**.

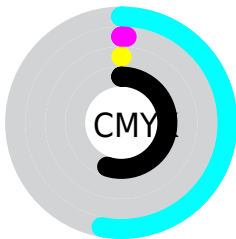
Distribution







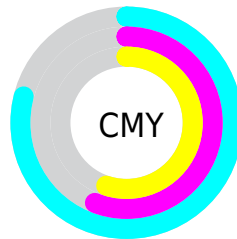
-  Red (21%)
-  Green (44%)
-  Blue (45%)






-  Red (21%)
-  Yellow (33%)
-  Blue (45%)



-  Cyan (53%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (79%)
-  Magenta (56%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4637, 13.8094, 18.0336 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 10.4637, 13.8094, 18.0336 by changing the saturation by 10% instead.

■ 10.4637, 13.8094,
18.0336

■ 10.4637, 13.8094,
18.0336

187.9356,
216.0419, 253.3028

■ 5.7721, 7.9882,
10.8044

■ 26.3059, 32.7505,
40.9093

■ 2.7463, 4.0874,
5.8230

■ 38.1873, 46.6391,
57.3929

■ 1.0211, 1.7226,
2.6707

■ 53.1959, 63.9857,
77.7983

■ 0.0000, 0.4382,
0.9286

■ 71.6971, 85.1747,
102.5442

■ 0.0000, 0.0000,
0.0000

■ 94.0564, 110.5904,
132.0491

■ 120.6389,

140.6172, 166.7314

151.8102,
175.6396, 207.0098

■ 10.4637, 13.8094,
18.0336

■ 10.4637, 13.8094,
18.0336

■ 9.9012, 13.4883,
18.0015

■ 11.1706, 14.2056,
18.0731

■ 9.4716, 13.2355,
17.9754

■ 12.0298, 14.6801,
18.1194

■ 9.1638, 13.0456,
17.9549

■ 13.0501, 15.2377,
18.1732

■ 8.9635, 12.9111,
17.9395

■ 14.2395, 15.8825,
18.2350

■ 8.8428, 12.8259,
17.9294

■ 15.6050, 16.6182,
18.3050

■ 17.1538, 17.4484,
18.3836

■ 18.8922, 18.3765,
18.4711

■ 20.8265, 19.4056,
18.5678

■ 22.9625, 20.5387,
18.6740

Harmonies

Analogous

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



10.3710, 13.8094, 13.4341



10.4637, 13.8094, 18.0336



11.2349, 13.8094, 22.5742

Triad

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



10.4637, 13.8094, 18.0336



15.5452, 13.8094, 21.4833



13.7145, 13.8094, 8.0272

Complementary

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



10.4637, 13.8094, 18.0336



8.9717, 6.5764, 4.2869

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.



15.2169, 13.8094, 9.3962



10.4637, 13.8094, 18.0336



16.3288, 13.8094, 16.7606

Square

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



10.4637, 13.8094, 18.0336



14.1341, 13.8094, 24.8248



16.2041, 13.8094, 12.3906



12.1659, 13.8094, 8.2327

Rectangle

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



10.4637, 13.8094, 18.0336



12.0672, 13.8094, 24.6736



16.2041, 13.8094, 12.3906



14.2437, 13.8094, 8.3055

Sweetspot

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



10.4641, 13.8099, 18.0339



24.1963, 27.4628, 32.0011



8.2048, 13.0855, 5.5837



5.5216, 6.3110, 7.3969



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.4641, 13.8099, 18.0339



17.2305, 23.6047, 31.6235



7.7292, 8.3402, 17.1223



3.4704, 3.8061, 4.3060



9.8424, 14.2750, 19.9582



48.9624, 70.9767, 99.3984

Inverse Universe

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



11.2396, 7.4084, 16.4609



18.7632, 11.0789, 28.4860



10.7759, 10.1848, 4.8883



3.5121, 3.4526, 4.2235



10.9863, 5.2869, 17.5356



54.6939, 26.3229, 87.1753

Previews

White Background



This preview shows how the XYZ color 10.4637, 13.8094, 18.0336 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 10.4637, 13.8094, 18.0336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

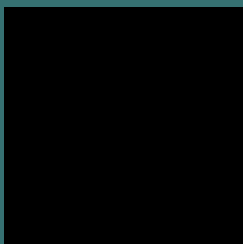
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

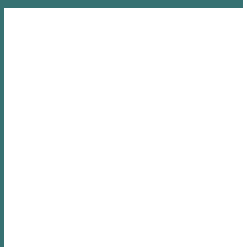
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.4637, 13.8094, 18.0336

Background



This preview shows how black text looks on a background with the XYZ color 10.4637, 13.8094, 18.0336.



This preview shows how white text looks on a background with the XYZ color 10.4637, 13.8094,

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

10.4637, 13.8094, 18.0336

Protanopia

13.2659, 13.7263, 16.1376

Deuteranopia

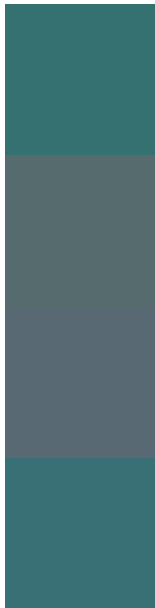
13.9280, 13.7175, 18.7433



Tritanopia

10.9327, 13.8387, 20.1841

Trichromacy



Original Color

10.4637, 13.8094, 18.0336

Protanomaly

11.9099, 13.6196, 16.7530

Deuteranomaly

12.2285, 13.4388, 18.4724

Tritanomaly

10.6951, 13.7371, 19.2274

Monochromacy



Original Color

10.4637, 13.8094, 18.0336

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

10.4579, 12.1675, 14.3677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4637, 13.8094, 18.0336 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(54, 113, 114)` looks like.

```
.text, #text, p{  
    color:rgb(54, 113, 114)  
}
```

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(54, 113, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 113, 114) }
```

Border

The CSS property to change the border of an element to XYZ 10.4637, 13.8094, 18.0336 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(54, 113, 114) }
```


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

```
.border{ border-color:rgb(54, 113, 114) }
```

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

Here you see how a box with a 4 pixel rgb(54, 113, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 113, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 113, 114);  
box-shadow:4px 4px 4px 4px rgb(54, 113,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4637, 13.8094, 18.0336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 113, 114) }
```

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

```
.background{ background-color: rgb(54, 113,  
114) }
```

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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