

Converting Colors

XYZ(10.3397, 12.9851, 19.4695)

Have a look what the booklet for
XYZ(10.3397, 12.9851, 19.4695)
contains.

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Color

**XYZ(10.3740, 13.0814,
19.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	376D77
RGB	55, 109, 119
RGB Percent	22%, 43%, 47%
CMY	0.7843, 0.5725, 0.5333
CMYK	0.54, 0.08, 0.00, 0.53
HSL	189°, 37%, 34%
HSV	189°, 54%, 47%
XYZ	10.3740, 13.0814, 19.4310
YIQ	93.9940, -35.3940, -8.3380

Conversions

Conversions Part 2

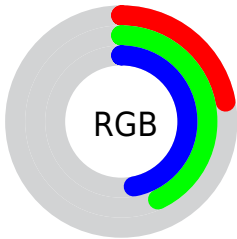
Format	Color
RYB	55, 84, 119
Decimal	3632503
CIELab	42.89, -14.87, -11.07
CIELCh	43, 18.539, 216.679
Yxy	13.0814, 0.2419, 0.3050
Android (android.graphics.Color)	4281822583 (0xFF376D77)
YUV	93.9940, 12.3280, -34.1977
Hunter-Lab	36.1682, -12.0959, -6.5352




Details

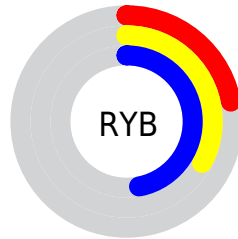
The XYZ color **10.3740, 13.0814, 19.4310** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.1880, 7.9788, 4.6180**, and the grayscale version is **10.6161, 11.1690, 12.1630**.




A 20% lighter version of the original color is **26.1590, 31.5558, 43.2402**, and **2.8061, 3.7924, 6.5454** is the 20% darker color. If you saturate the color by 10%, you get **9.6030, 12.3929, 19.3390**, and if you desaturate by 10%, it is **11.3073, 13.8604, 19.5324**.

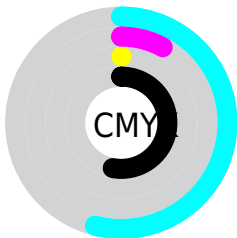
Distribution







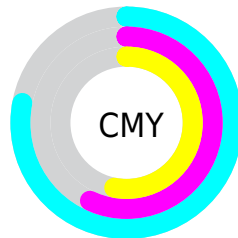
-  Red (22%)
-  Green (43%)
-  Blue (47%)






-  Red (22%)
-  Yellow (33%)
-  Blue (47%)



-  Cyan (54%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (78%)
-  Magenta (57%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3740, 13.0814, 19.4310 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 10.3740, 13.0814, 19.4310 by changing the saturation by 10% instead.

■ 10.3740, 13.0814,
19.4310

■ 10.3740, 13.0814,
19.4310

■ 187.3193,
211.4387, 261.3195

■ 5.7118, 7.4846,
11.8022

■ 26.1400, 31.4499,
43.3075

■ 2.7096, 3.7670,
6.4882

■ 37.9744, 44.9905,
60.3922

■ 1.0021, 1.5441,
3.0706

■ 52.9303, 61.9478,
81.4660

■ 0.0000, 0.3195,
1.1308

■ 71.3731, 82.7062,
106.9474

■ 0.0000, 0.0000,
0.0000

■ 93.6680, 107.6500,
137.2548

■ 120.1804,

137.1638, 172.8070

151.2758,
171.6319, 214.0224

■ 10.3740, 13.0814,
19.4310

■ 10.3740, 13.0814,
19.4310

■ 9.6030, 12.3929,
19.3390

■ 11.3073, 13.8604,
19.5324

■ 8.9815, 11.7873,
19.2548

■ 12.4120, 14.7337,
19.6428

■ 8.4968, 11.2584,
19.1783

■ 13.6980, 15.7069,
19.7628

■ 8.1312, 10.7970,
19.1085

■ 15.1742, 16.7844,
19.8930

■ 7.9262, 10.5247,
19.0667

■ 16.8487, 17.9705,
20.0337

■ 18.7292, 19.2693,
20.1852

■ 20.8231, 20.6845,
20.3480

■ 23.1374, 22.2197,
20.5224

■ 25.6785, 23.8785,
20.7086

Harmonies

Analogous

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



9.9191, 13.0814, 15.1704



10.3740, 13.0814, 19.4310



11.3858, 13.0814, 22.6771

Triad

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



10.3740, 13.0814, 19.4310



15.1069, 13.0814, 17.5610



12.1193, 13.0814, 7.8143

Complementary

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



10.3740, 13.0814, 19.4310



10.1880, 7.9788, 4.6180

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.



13.5435, 13.0814, 8.2126



10.3740, 13.0814, 19.4310



15.3405, 13.0814, 13.3550

Square

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



10.3740, 13.0814, 19.4310



14.1329, 13.0814, 21.4621



14.7489, 13.0814, 10.0726



10.8761, 13.0814, 8.8575

Rectangle

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



10.3740, 13.0814, 19.4310



12.2763, 13.0814, 23.5391



14.7489, 13.0814, 10.0726



12.5920, 13.0814, 7.7877

Sweetspot

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



10.3744, 13.0819, 19.4313



26.4439, 29.5301, 35.5592



9.1154, 14.3833, 7.2368



6.1626, 6.9226, 8.4181



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



10.3744, 13.0819, 19.4313



16.8498, 21.8655, 34.5855



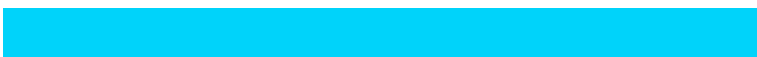
7.5877, 7.5086, 18.5024



3.7369, 4.0625, 4.6774



8.4154, 11.1705, 20.2551



40.4977, 53.4120, 98.5354

Inverse Universe

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



11.7347, 7.7589, 15.3476



19.6786, 11.5890, 25.9151



12.5356, 12.6739, 5.4005



3.8032, 3.7486, 4.4906



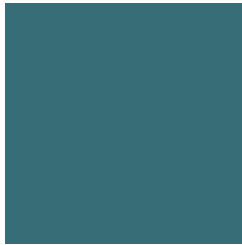
10.5448, 5.1517, 13.3432



51.1281, 25.0014, 63.6633

Previews

White Background



This preview shows how the XYZ color 10.3740, 13.0814, 19.4310 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 10.3740, 13.0814, 19.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

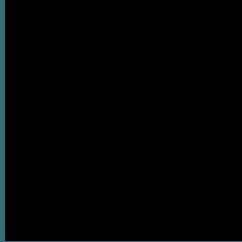
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.3740, 13.0814, 19.4310

Background



This preview shows how black text looks on a background with the XYZ color 10.3740, 13.0814, 19.4310.



This preview shows how white text looks on a background with the XYZ color 10.3740, 13.0814,

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

10.3740, 13.0814, 19.4310

Protanopia

12.6834, 12.9592, 17.4557

Deuteranopia

13.2799, 13.0709, 19.9122



Tritanopia

10.3142, 13.0575, 19.1163

Trichromacy



Original Color

10.3740, 13.0814, 19.4310

Protanomaly

11.5120, 12.7773, 18.0792

Deuteranomaly

11.8966, 12.9414, 19.6402

Tritanomaly

10.3142, 13.0575, 19.1163

Monochromacy



Original Color

10.3740, 13.0814, 19.4310

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.2183, 11.6084, 14.5341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3740, 13.0814, 19.4310 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(55, 109, 119)` looks like.

```
.text, #text, p{  
    color:rgb(55, 109, 119)  
}
```

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(55, 109, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 109, 119) }
```

Border

The CSS property to change the border of an element to XYZ 10.3740, 13.0814, 19.4310 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(55, 109, 119) }
```


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

```
.border{ border-color:rgb(55, 109, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 109, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 109, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 109, 119);  
box-shadow:4px 4px 4px 4px rgb(55, 109,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3740, 13.0814, 19.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 109, 119) }
```

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

```
.background{ background-color: rgb(55, 109,  
119) }
```

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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