

Converting Colors

XYZ(10.2765, 11.6306, 14.6637)

Have a look what the booklet for
XYZ(10.2765, 11.6306, 14.6637)
contains.

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Color

**XYZ(10.2183, 11.6084,
14.5341)**

Conversions

Conversions Part 1

Format	Color
Hex	506367
RGB	80, 99, 103
RGB Percent	31%, 39%, 40%
CMY	0.6863, 0.6118, 0.5961
CMYK	0.22, 0.04, 0.00, 0.60
HSL	190°, 13%, 36%
HSV	190°, 22%, 40%
XYZ	10.2183, 11.6084, 14.5341
YIQ	93.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

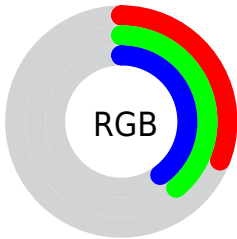
Format	Color
R _Y B	80, 90, 103
Decimal	5268327
CIE Lab	40.59, -6.16, -4.65
CIE LCh	41, 7.718, 217.041
Yxy	11.6084, 0.2810, 0.3193
Android (android.graphics.Color)	4283458407 (0xFF506367)
YUV	93.7750, 4.5479, -12.0807
Hunter-Lab	34.0711, -6.0903, -1.4422

Details

The XYZ color **10.2183, 11.6084, 14.5341** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.2120, 9.8036, 8.9437**, and the grayscale version is **10.5782, 11.1291, 12.1196**.

A 20% lighter version of the original color is **25.9450, 28.8916, 34.7810**, and **2.6800, 3.1891, 4.2157** is the 20% darker color. If you saturate the color by 10%, you get **9.2467, 10.8587, 14.4408**, and if you desaturate by 10%, it is **11.3277, 12.4353, 14.6354**.

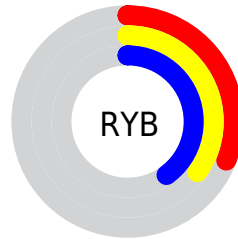
Distribution



Red (31%)

Green (39%)

Blue (40%)



Red (31%)

Yellow (35%)

Blue (40%)

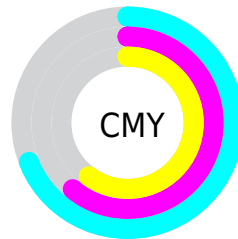


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (60%)



Cyan (69%)

Magenta (61%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2183, 11.6084, 14.5341 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 10.2183, 11.6084, 14.5341 by changing the saturation by 10% instead.

■ 10.2183, 11.6084,
14.5341

■ 10.2183, 11.6084,
14.5341

186.2443,
201.7953, 232.0715

■ 5.6073, 6.4776,
8.3501

■ 25.8513, 28.7798,
34.7644

■ 2.6462, 3.1376,
4.2288

■ 37.6040, 41.5893,
49.6478

■ 0.9695, 1.2040,
1.7517

■ 52.4679, 57.7271,
68.2681

■ 0.0000, 0.0650,
0.3958

■ 70.8085, 77.5777,
91.0438

■ 0.0000, 0.0000,
0.0000

■ 92.9911, 101.5254,
118.3934

119.3810,

129.9546, 150.7355

150.3437,
163.2498, 188.4887

■ 10.2183, 11.6084,
14.5341

■ 10.2183, 11.6084,
14.5341

■ 9.2467, 10.8587,
14.4408

■ 11.3277, 12.4353,
14.6354

■ 8.4059, 10.1817,
14.3544

■ 12.5795, 13.3409,
14.7443

■ 7.6895, 9.5744,
14.2750

■ 13.9795, 14.3287,
14.8611

■ 7.0906, 9.0331,
14.2020

■ 15.5328, 15.4011,
14.9862

■ 6.6011, 8.5536,
14.1353

■ 17.2442, 16.5607,
15.1199

■ 6.2123, 8.1315,
14.0743

■ 19.1183, 17.8100,
15.2622

■ 5.9122, 7.7604,
14.0185

■ 21.1596, 19.1513,
15.4135

■ 5.7040, 7.4907,
13.9774

■ 23.3723, 20.5867,
15.5740

■ 25.7605, 22.1185,
15.7438

Harmonies

Analogous

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



10.0262, 11.6084, 13.0109



10.2183, 11.6084, 14.5341



10.6299, 11.6084, 15.6078

Triad

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



10.2183, 11.6084, 14.5341



12.0263, 11.6084, 13.8462



10.9055, 11.6084, 9.8900

Complementary

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



10.2183, 11.6084, 14.5341



10.2120, 9.8036, 8.9437

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.



11.4471, 11.6084, 10.0737



10.2183, 11.6084, 14.5341



12.1060, 11.6084, 12.2754

Square

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



10.2183, 11.6084, 14.5341



11.6765, 11.6084, 15.1884



11.8908, 11.6084, 10.9173



10.4144, 11.6084, 10.3931

Rectangle

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



10.2183, 11.6084, 14.5341



10.9795, 11.6084, 15.8783



11.8908, 11.6084, 10.9173



11.0876, 11.6084, 9.8742

Sweetspot

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



10.2186, 11.6089, 14.5344



21.3991, 23.0792, 26.3040



9.7525, 12.0437, 10.1643



5.2020, 5.6171, 6.4159



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.2186, 11.6089, 14.5344



17.3168, 20.0363, 25.9318



9.2191, 9.6099, 14.2012



2.8652, 3.1084, 3.5809



7.1542, 9.3801, 17.5778



36.7488, 47.7942, 91.4897

Inverse Universe

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



10.7146, 9.5220, 13.0781



18.3950, 15.6024, 22.7431



11.1640, 11.7076, 9.2611



2.9165, 2.8813, 3.4329



9.0938, 4.4505, 11.1581



47.1442, 23.0977, 56.6962

Previews

White Background



This preview shows how the XYZ color 10.2183, 11.6084, 14.5341 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 10.2183, 11.6084, 14.5341 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 10.2183, 11.6084, 14.5341

Background



This preview shows how black text looks on a background with the XYZ color 10.2183, 11.6084, 14.5341.



This preview shows how white text looks on a background with the XYZ color 10.2183, 11.6084,

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

10.2183, 11.6084, 14.5341

Protanopia

11.2650, 11.6108, 13.9593

Deuteranopia

11.7799, 11.5949, 14.7139



Tritanopia

10.3625, 11.5253, 15.3141

Trichromacy



Original Color

10.2183, 11.6084, 14.5341

Protanomaly

10.7976, 11.4987, 14.2208

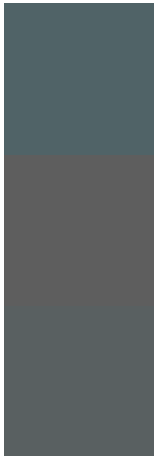
Deuteranomaly

11.1051, 11.5111, 14.7333

Tritanomaly

10.3108, 11.5046, 15.0418

Monochromacy



Original Color

10.2183, 11.6084, 14.5341

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.4604, 11.3527, 12.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2183, 11.6084, 14.5341 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(80, 99, 103) looks like.

```
.text, #text, p{  
    color:rgb(80, 99, 103)  
}
```

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(80, 99, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 99, 103) }
```

Border

The CSS property to change the border of an element to XYZ 10.2183, 11.6084, 14.5341 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(80, 99, 103) }
```


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

```
.border{ border-color:rgb(80, 99, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 99, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 99, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 99, 103);  
box-shadow:4px 4px 4px 4px rgb(80, 99,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2183, 11.6084, 14.5341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 99, 103) }
```

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

```
.background{ background-color: rgb(80, 99,  
103) }
```

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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