

Converting Colors

XYZ(9.9753, 10.6082, 16.5878)

Have a look what the booklet for
XYZ(9.9753, 10.6082, 16.5878)
contains.

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Color

**XYZ(10.0080, 10.6387,
16.5649)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5D6F
RGB	79, 93, 111
RGB Percent	31%, 36%, 44%
CMY	0.6902, 0.6353, 0.5647
CMYK	0.29, 0.16, 0.00, 0.56
HSL	214°, 17%, 37%
HSV	214°, 29%, 44%
XYZ	10.0080, 10.6387, 16.5649
YIQ	90.8660, -14.1220, 2.6300

Conversions

Conversions Part 2

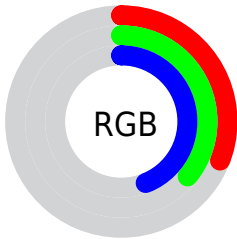
Format	Color
R_{YB}	79, 89, 111
Decimal	5201263
CIE Lab	38.97, -0.81, -12.00
CIE LCh	39, 12.028, 266.123
Yxy	10.6387, 0.2689, 0.2859
Android (android.graphics.Color)	4283391343 (0xFF4F5D6F)
YUV	90.8660, 9.9261, -10.4065
Hunter-Lab	32.6170, -2.3100, -7.2791




Details

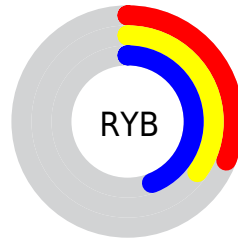
The XYZ color **10.0080, 10.6387, 16.5649** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2415, 12.4932, 9.1635**, and the grayscale version is **9.8943, 10.4095, 11.3360**.




A 20% lighter version of the original color is **25.4866, 26.9564, 38.5101**, and **2.5409, 2.7152, 5.0928** is the 20% darker color. If you saturate the color by 10%, you get **8.6350, 9.1506, 16.3502**, and if you desaturate by 10%, it is **11.5807, 12.2967, 16.8022**.

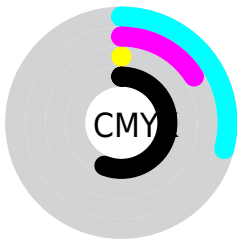
Distribution







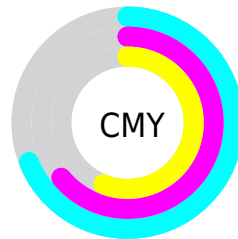
-  Red (31%)
-  Green (36%)
-  Blue (44%)






-  Red (31%)
-  Yellow (35%)
-  Blue (44%)



-  Cyan (29%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (69%)
-  Magenta (64%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0080, 10.6387, 16.5649 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 10.0080, 10.6387, 16.5649 by changing the saturation by 10% instead.

■ 10.0080, 10.6387,
16.5649

■ 10.0080, 10.6387,
16.5649

184.7816,
195.1718, 244.6109

■ 5.4666, 5.8244,
9.7661

■ 25.4601, 26.9901,
38.3565

■ 2.5611, 2.7386,
5.1406

■ 37.1015, 39.2960,
54.1864

■ 0.9262, 0.9968,
2.2698

■ 51.8402, 54.8680,
73.8637

■ 0.0000, 0.0000,
0.7142

■ 70.0416, 74.0903,
97.8070

■ 0.0000, 0.0000,
0.0000

■ 92.0711, 97.3475,
126.4348

118.2940,

125.0239, 160.1657

149.0757,
157.5038, 199.4182

■ 10.0080, 10.6387,
16.5649

■ 10.0080, 10.6387,
16.5649

■ 8.6350, 9.1506,
16.3502

■ 11.5807, 12.2967,
16.8022

■ 7.4519, 7.8249,
16.1567

■ 13.3601, 14.1290,
17.0621

■ 6.4496, 6.6557,
15.9838

■ 15.3543, 16.1415,
17.3454

■ 5.6179, 5.6359,
15.8308

■ 17.5706, 18.3393,
17.6528

■ 4.9452, 4.7579,
15.6968

■ 20.0158, 20.7273,
17.9849

■ 4.4187, 4.0131,
15.5808

■ 22.6966, 23.3104,
18.3422

■ 3.9965, 3.3779,
15.4805

■ 25.6193, 26.0931,
18.7253

■ 3.9497, 3.3085,
15.4695

■ 28.7900, 29.0799,
19.1347

■ 32.2144, 32.2749,
19.5709

Harmonies

Analogous

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



9.2774, 10.6387, 15.6449



10.0080, 10.6387, 16.5649



10.8051, 10.6387, 16.0121

Triad

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



10.0080, 10.6387, 16.5649



11.5585, 10.6387, 9.7483



8.8863, 10.6387, 9.2951

Complementary

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



10.0080, 10.6387, 16.5649



12.2415, 12.4932, 9.1635

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.



9.4487, 10.6387, 8.0579



10.0080, 10.6387, 16.5649



10.9947, 10.6387, 8.2942

Square

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



10.0080, 10.6387, 16.5649



11.7274, 10.6387, 11.8845



10.2162, 10.6387, 7.7170



8.6518, 10.6387, 11.2881

Rectangle

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



10.0080, 10.6387, 16.5649



11.2630, 10.6387, 14.9175



10.2162, 10.6387, 7.7170



9.0418, 10.6387, 8.7878

Sweetspot

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



10.0083, 10.6391, 16.5651



23.7830, 25.1571, 30.5321



11.0481, 13.8869, 13.3100



5.6200, 5.9481, 7.3216



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.



10.0083, 10.6391, 16.5651



16.1338, 17.1216, 29.3842



9.0245, 8.4715, 16.1986



3.3265, 3.5183, 4.2580



4.6289, 3.8480, 18.2204



22.2294, 17.5107, 90.4874

Inverse Universe

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



11.3275, 9.7619, 11.6437



18.9796, 15.4204, 18.7248



13.4519, 15.2102, 9.6241



3.4395, 3.4235, 3.8410



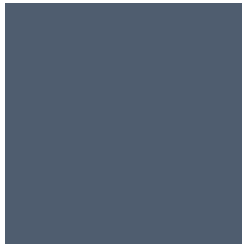
8.3548, 4.2343, 3.6781



41.2004, 20.9255, 16.1192

Previews

White Background



This preview shows how the XYZ color 10.0080, 10.6387, 16.5649 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 10.0080, 10.6387, 16.5649 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

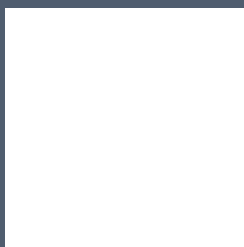
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.0080, 10.6387, 16.5649

Background



This preview shows how black text looks on a background with the XYZ color 10.0080, 10.6387, 16.5649.

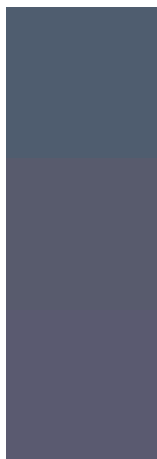


This preview shows how white text looks on a background with the XYZ color 10.0080, 10.6387,

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

10.0080, 10.6387, 16.5649

Protanopia

10.5259, 10.6610, 15.9710

Deuteranopia

10.7972, 10.6558, 16.8169



Tritanopia

9.5510, 10.7215, 14.1364

Trichromacy



Original Color

10.0080, 10.6387, 16.5649

Protanomaly

10.3879, 10.7114, 16.2719

Deuteranomaly

10.5035, 10.6305, 16.8275

Tritanomaly

9.6944, 10.6450, 14.9083

Monochromacy



Original Color

10.0080, 10.6387, 16.5649

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

9.9622, 10.5624, 13.0689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0080, 10.6387, 16.5649 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(79, 93, 111)` looks like.

```
.text, #text, p{  
    color:rgb(79, 93, 111)  
}
```

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(79, 93, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 93, 111) }
```

Border

The CSS property to change the border of an element to XYZ 10.0080, 10.6387, 16.5649 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(79, 93, 111) }
```


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

```
.border{ border-color:rgb(79, 93, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 93, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 93, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 93, 111);  
box-shadow:4px 4px 4px 4px rgb(79, 93,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0080, 10.6387, 16.5649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 93, 111) }
```

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

```
.background{ background-color: rgb(79, 93,  
111) }
```

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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