

Converting Colors

XYZ(10.3553, 10.4654, 18.2289)

Have a look what the booklet for
XYZ(10.3553, 10.4654, 18.2289)
contains.

XYZ(10.4316, 10.5604, 18.3182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(10.4316, 10.5604,
18.3182)**

Conversions

Conversions Part 1

Format	Color
Hex	525B75
RGB	82, 91, 117
RGB Percent	32%, 36%, 46%
CMY	0.6784, 0.6431, 0.5412
CMYK	0.30, 0.22, 0.00, 0.54
HSL	225°, 18%, 39%
HSV	225°, 30%, 46%
XYZ	10.4316, 10.5604, 18.3182
YIQ	91.2730, -13.7100, 6.1780

Conversions

Conversions Part 2

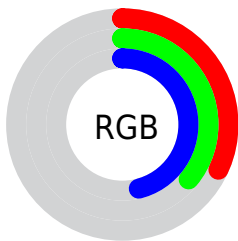
Format	Color
R_{YB}	82, 89, 117
Decimal	5397365
CIE Lab	38.83, 3.05, -15.87
CIE LCh	39, 16.166, 280.892
Yxy	10.5604, 0.2654, 0.2686
Android (android.graphics.Color)	4283587445 (0xFF525B75)
YUV	91.2730, 12.6834, -8.1324
Hunter-Lab	32.4968, 0.4299, -10.6736

Details

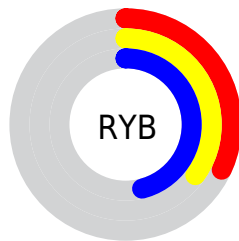
The XYZ color **10.4316, 10.5604, 18.3182** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **14.2217, 15.1160, 10.1509**, and the grayscale version is **9.9806, 10.5003, 11.4349**.

A 20% lighter version of the original color is **26.2020, 26.8199, 41.3319**, and **2.7401, 2.6815, 6.0034** is the 20% darker color. If you saturate the color by 10%, you get **8.7993, 8.6793, 18.0413**, and if you desaturate by 10%, it is **12.3242, 12.7039, 18.6324**.

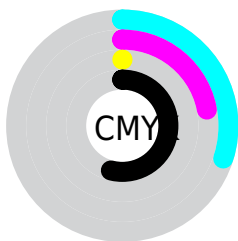
Distribution



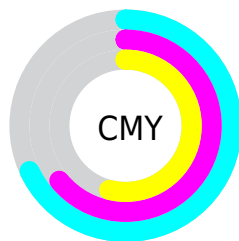
- Red (32%)
- Green (36%)
- Blue (46%)



- Red (32%)
- Yellow (35%)
- Blue (46%)



- Cyan (30%)
- Magenta (22%)
- Yellow (0%)
- Black (54%)



- Cyan (68%)
- Magenta (64%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.4316, 10.5604, 18.3182 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 10.4316, 10.5604, 18.3182 by changing the saturation by 10% instead.

■ 10.4316, 10.5604,
18.3182

■ 10.4316, 10.5604,
18.3182

187.7153,
194.6263, 254.9546

■ 5.7505, 5.7721,
11.0069

■ 26.2466, 26.8444,
41.4000

■ 2.7332, 2.7070,
5.9572

■ 38.1111, 39.1088,
58.0076

■ 1.0143, 0.9807,
2.7507

■ 53.1009, 54.6340,
78.5510

■ 0.0000, 0.0000,
0.9688

■ 71.5813, 73.8045,
103.4488

■ 0.0000, 0.0000,
0.0000

■ 93.9175, 97.0045,
133.1195

120.4750,

124.6186, 167.9817

151.6192,
157.0310, 208.4539

■ 10.4316, 10.5604,
18.3182

■ 10.4316, 10.5604,
18.3182

■ 8.7993, 8.6793,
18.0413

■ 12.3242, 12.7039,
18.6324

■ 7.4145, 7.0491,
17.7996

■ 14.4870, 15.1183,
18.9844

■ 6.2649, 5.6589,
17.5919

■ 16.9306, 17.8133,
19.3758

■ 5.3367, 4.4968,
17.4165

■ 19.6649, 20.7978,
19.8078

■ 4.6144, 3.5496,
17.2718

■ 22.6991, 24.0802,
20.2814

■ 4.0806, 2.8028,
17.1557

■ 26.0421, 27.6685,
20.7978

■ 3.6807, 2.2220,
17.0647

■ 29.7024, 31.5704,
21.3580

■ 3.6775, 2.2176,
17.0640

■ 33.6881, 35.7936,
21.9631

■ 38.0072, 40.3451,
22.6140

Harmonies

Analogous

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



9.3781, 10.5604, 18.0215



10.4316, 10.5604, 18.3182



11.4470, 10.5604, 16.5589

Triad

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



10.4316, 10.5604, 18.3182



11.6763, 10.5604, 8.0530



8.2142, 10.5604, 9.6736

Complementary

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



10.4316, 10.5604, 18.3182



14.2217, 15.1160, 10.1509

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.



8.7485, 10.5604, 7.5909



10.4316, 10.5604, 18.3182



10.7268, 10.5604, 6.7768

Square

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



10.4316, 10.5604, 18.3182



12.1988, 10.5604, 10.4195



9.6531, 10.5604, 6.6242



8.1476, 10.5604, 12.6495

Rectangle

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



10.4316, 10.5604, 18.3182



11.9466, 10.5604, 14.6133



9.6531, 10.5604, 6.6242



8.3432, 10.5604, 8.8610

Sweetspot

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



10.4319, 10.5608, 18.3184



26.2239, 27.3851, 34.0407



12.5302, 15.5922, 16.4439



5.9176, 6.1724, 7.8085



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.



10.4319, 10.5608, 18.3184



16.5818, 16.4995, 32.4478



10.4610, 9.5011, 18.1124



3.5702, 3.7289, 4.6218



4.0403, 2.4203, 18.7968



19.0885, 10.5935, 91.3990

Inverse Universe

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



12.2420, 10.5720, 11.2935



20.4265, 16.6645, 17.4944



14.1706, 16.5726, 10.4347



3.7190, 3.7149, 4.0473



8.3365, 4.2683, 1.7143



40.3217, 20.6788, 6.7575

Previews

White Background



This preview shows how the XYZ color 10.4316, 10.5604, 18.3182 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 10.4316, 10.5604, 18.3182 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

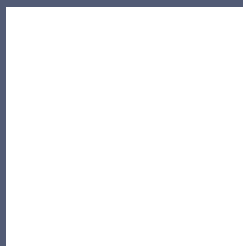
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.4316, 10.5604, 18.3182

Background



This preview shows how black text looks on a background with the XYZ color 10.4316, 10.5604, 18.3182.

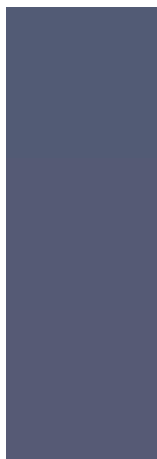


This preview shows how white text looks on a background with the XYZ color 10.4316, 10.5604,

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

10.4316, 10.5604, 18.3182

Protanopia

10.6134, 10.5280, 18.3023

Deuteranopia

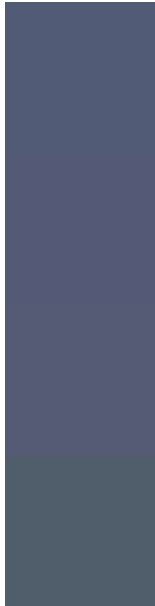
10.7048, 10.5751, 18.3066



Tritanopia

9.5761, 10.6073, 13.8546

Trichromacy



Original Color

10.4316, 10.5604, 18.3182

Protanomaly

10.5232, 10.4815, 18.2981

Deuteranomaly

10.6134, 10.5280, 18.3023

Tritanomaly

9.8765, 10.5957, 15.4345

Monochromacy



Original Color

10.4316, 10.5604, 18.3182

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

10.0658, 10.4770, 13.5483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.4316, 10.5604, 18.3182 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(82, 91, 117) looks like.

```
.text, #text, p{  
    color:rgb(82, 91, 117)  
}
```

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(82, 91, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 91, 117) }
```

Border

The CSS property to change the border of an element to XYZ 10.4316, 10.5604, 18.3182 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(82, 91, 117) }
```


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

```
.border{ border-color:rgb(82, 91, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 91, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 91, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 91, 117);  
box-shadow:4px 4px 4px 4px rgb(82, 91,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 10.4316, 10.5604, 18.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 91, 117) }
```

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

```
.background{ background-color: rgb(82, 91,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor