

Converting Colors

XYZ(10.3946, 10.6175, 14.7211)

Have a look what the booklet for
XYZ(10.3946, 10.6175, 14.7211)
contains.

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Color

**XYZ(10.3596, 10.6055,
14.5978)**

Conversions

Conversions Part 1

Format	Color
Hex	595B68
RGB	89, 91, 104
RGB Percent	35%, 36%, 41%
CMY	0.6510, 0.6431, 0.5922
CMYK	0.14, 0.12, 0.00, 0.59
HSL	232°, 8%, 38%
HSV	232°, 14%, 41%
XYZ	10.3596, 10.6055, 14.5978
YIQ	91.8840, -5.3650, 3.6190

Conversions

Conversions Part 2

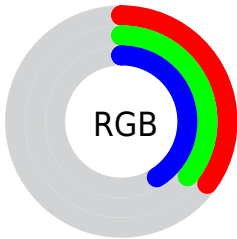
Format	Color
R_{YB}	89, 91, 104
Decimal	5856104
CIE Lab	38.91, 2.17, -7.69
CIE LCh	39, 7.993, 285.729
Yxy	10.6055, 0.2913, 0.2982
Android (android.graphics.Color)	4284046184 (0xFF595B68)
YUV	91.8840, 5.9732, -2.5293
Hunter-Lab	32.5661, -0.2080, -3.7806

Details

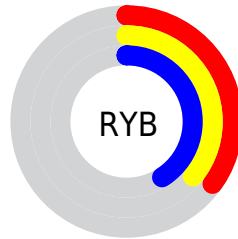
The XYZ color **10.3596, 10.6055, 14.5978** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2635, 13.1670, 11.3465**, and the grayscale version is **10.1338, 10.6616, 11.6105**.

A 20% lighter version of the original color is **26.0887, 26.9053, 34.8286**, and **2.6732, 2.6858, 4.2484** is the 20% darker color. If you saturate the color by 10%, you get **8.7066, 8.6777, 14.3130**, and if you desaturate by 10%, it is **12.2468, 12.7919, 14.9205**.

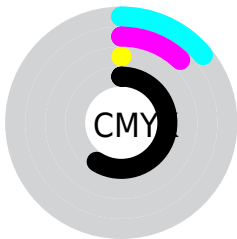
Distribution



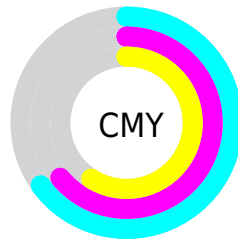
- Red (35%)
- Green (36%)
- Blue (41%)



- Red (35%)
- Yellow (36%)
- Blue (41%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (59%)



- Cyan (65%)
- Magenta (64%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3596, 10.6055, 14.5978 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 10.3596, 10.6055, 14.5978 by changing the saturation by 10% instead.

■ 10.3596, 10.6055,
14.5978

■ 10.3596, 10.6055,
14.5978

187.2202,
194.9407, 232.4750

■ 5.7021, 5.8022,
8.3941

■ 26.1133, 26.9283,
34.8783

■ 2.7037, 2.7252,
4.2568

■ 37.9402, 39.2167,
49.7922

■ 0.9991, 0.9900,
1.7673

■ 52.8877, 54.7688,
68.4466

■ 0.0000, 0.0000,
0.4062

■ 71.3210, 73.9692,
91.2601

■ 0.0000, 0.0000,
0.0000

■ 93.6055, 97.2022,
118.6511

120.1067,

124.8521, 151.0382

151.1898,
157.3035, 188.8400

■ 10.3596, 10.6055,
14.5978

■ 10.3596, 10.6055,
14.5978

■ 8.7066, 8.6777,
14.3130

■ 12.2468, 12.7919,
14.9205

■ 7.2777, 6.9978,
14.0640

■ 14.3759, 15.2448,
15.2818

■ 6.0635, 5.5559,
13.8497

■ 16.7555, 17.9732,
15.6830

■ 5.0535, 4.3413,
13.6685

■ 19.3932, 20.9852,
16.1253

■ 4.2364, 3.3421,
13.5187

■ 22.2967, 24.2888,
16.6100

■ 3.5995, 2.5457,
13.3986

■ 25.4730, 27.8916,
17.1380

■ 3.1291, 1.9379,
13.3060

■ 28.9291, 31.8008,
17.7104

■ 2.8026, 1.4994,
13.2386

■ 32.6715, 36.0235,
18.3282

■ 2.6541, 1.3103,
13.2099

■ 36.7068, 40.5666,
18.9924

Harmonies

Analogous

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



9.8306, 10.6055, 14.6203



10.3596, 10.6055, 14.5978



10.8293, 10.6055, 13.7119

Triad

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



10.3596, 10.6055, 14.5978



10.8100, 10.6055, 9.5774



9.1225, 10.6055, 10.8415

Complementary

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



10.3596, 10.6055, 14.5978



12.2635, 13.1670, 11.3465

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.



9.3665, 10.6055, 9.6239



10.3596, 10.6055, 14.5978



10.3341, 10.6055, 8.9387

Square

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



10.3596, 10.6055, 14.5978



11.0955, 10.6055, 10.7727



9.8059, 10.6055, 8.9549



9.1288, 10.6055, 12.3587

Rectangle

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



10.3596, 10.6055, 14.5978



11.0401, 10.6055, 12.7920



9.8059, 10.6055, 8.9549



9.1776, 10.6055, 10.3866

Sweetspot

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



10.3599, 10.6059, 14.5980



21.5951, 22.5684, 26.1950



11.4562, 12.9791, 14.4071



5.2170, 5.4465, 6.3821



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.



10.3599, 10.6059, 14.5980



17.2462, 17.5260, 25.4510



10.7130, 10.5374, 14.5662



2.7196, 2.8172, 3.5324



3.2554, 1.5825, 16.2782



16.5898, 7.4763, 84.7701

Inverse Universe

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



11.1699, 10.8434, 11.4023



18.9376, 18.0336, 18.7749



11.8720, 13.2607, 11.3852



2.8430, 2.8519, 3.0458



7.1259, 3.6633, 0.7951



36.9689, 19.0276, 3.1138

Previews

White Background



This preview shows how the XYZ color 10.3596, 10.6055, 14.5978 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 10.3596, 10.6055, 14.5978 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

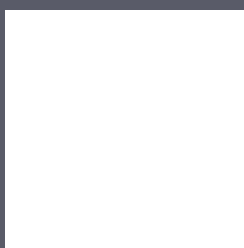
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3596, 10.6055, 14.5978

Background



This preview shows how black text looks on a background with the XYZ color 10.3596, 10.6055, 14.5978.



This preview shows how white text looks on a background with the XYZ color 10.3596, 10.6055,

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

10.3596, 10.6055, 14.5978

Protanopia

10.3596, 10.6055, 14.5978

Deuteranopia

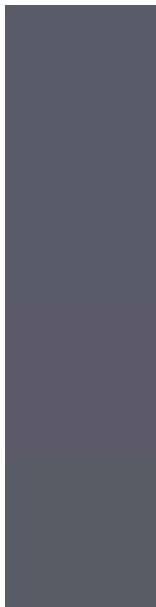
10.6872, 10.5239, 14.5647



Tritanopia

10.1038, 10.6299, 13.3236

Trichromacy



Original Color

10.3596, 10.6055, 14.5978

Protanomaly

10.3596, 10.6055, 14.5978

Deuteranomaly

10.5685, 10.5871, 14.5832

Tritanomaly

10.2006, 10.6686, 13.8335

Monochromacy



Original Color

10.3596, 10.6055, 14.5978

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.2529, 10.7230, 12.5957

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3596, 10.6055, 14.5978 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(89, 91, 104) looks like.

```
.text, #text, p{  
    color:rgb(89, 91, 104)  
}
```

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(89, 91, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 91, 104) }
```

Border

The CSS property to change the border of an element to XYZ 10.3596, 10.6055, 14.5978 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(89, 91, 104) }
```


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

```
.border{ border-color:rgb(89, 91, 104) }
```

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

Here you see how a box with a 4 pixel rgb(89, 91, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 91, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 91, 104);  
box-shadow:4px 4px 4px 4px rgb(89, 91,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3596, 10.6055, 14.5978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 91, 104) }
```

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

```
.background{ background-color: rgb(89, 91,  
104) }
```

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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