

Converting Colors

XYZ(10.0304, 11.1169, 5.3589)

Have a look what the booklet for
XYZ(10.0304, 11.1169, 5.3589)
contains.

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Color

**XYZ(10.0615, 11.1793,
5.3689)**

Conversions

Conversions Part 1

Format	Color
Hex	645F38
RGB	100, 95, 56
RGB Percent	39%, 37%, 22%
CMY	0.6078, 0.6274, 0.7804
CMYK	0.00, 0.05, 0.44, 0.61
HSL	53°, 28%, 31%
HSV	53°, 44%, 39%
XYZ	10.0615, 11.1793, 5.3689
YIQ	92.0490, 15.4990, -11.0690

Conversions

Conversions Part 2

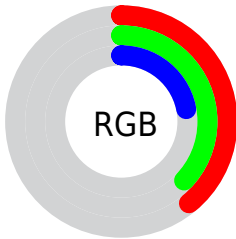
Format	Color
R_{YB}	62, 100, 56
Decimal	6577976
CIE _{Lab}	39.88, -4.34, 23.01
CIE _{LCh}	40, 23.412, 100.683
Yxy	11.1793, 0.3781, 0.4201
Android (android.graphics.Color)	4284768056 (0xFF645F38)
YUV	92.0490, -17.7722, 6.9730
Hunter-Lab	33.4355, -4.7973, 13.8843

Details

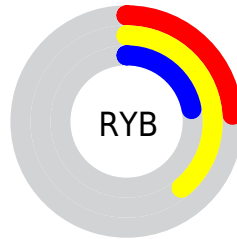
The XYZ color **10.0615, 11.1793, 5.3689** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.5997, 5.0980, 12.7453**, and the grayscale version is **10.2214, 10.7537, 11.7108**.

A 20% lighter version of the original color is **25.5730, 27.9257, 17.1391**, and **2.5808, 2.9532, 0.7818** is the 20% darker color. If you saturate the color by 10%, you get **9.7396, 10.8885, 4.1732**, and if you desaturate by 10%, it is **10.4344, 11.4937, 6.8230**.

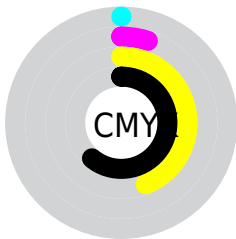
Distribution



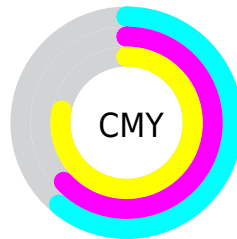
- Red (39%)
- Green (37%)
- Blue (22%)



- Red (24%)
- Yellow (39%)
- Blue (22%)



- Cyan (0%)
- Magenta (5%)
- Yellow (44%)
- Black (61%)



- Cyan (61%)
- Magenta (63%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.0615, 11.1793, 5.3689 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 10.0615, 11.1793, 5.3689 by changing the saturation by 10% instead.

■ 10.0615, 11.1793,
5.3689

■ 10.0615, 11.1793,
5.3689

■ 185.1549,
198.8936, 162.4041

■ 5.5023, 6.1876,
2.4028

■ 25.5597, 27.9912,
17.0607

■ 2.5827, 2.9595,
0.7880

■ 37.2295, 40.5803,
26.6234

■ 0.9371, 1.1106,
0.0000

■ 52.0002, 56.4705,
39.2222

■ 0.0000, 0.0000,
0.0000

■ 70.2372, 76.0463,
55.2754

■ 92.3058, 99.6921,
75.2016

■ 118.5714,

127.7923, 99.4195

149.3993,
160.7314, 128.3475

■ 10.0615, 11.1793,
5.3689

■ 10.0615, 11.1793,
5.3689

■ 9.7396, 10.8885,
4.1732

■ 10.4344, 11.4937,
6.8230

■ 9.4648, 10.6184,
3.2199

■ 10.8601, 11.8312,
8.5489

■ 9.2342, 10.3685,
2.4920

■ 11.3413, 12.1934,
10.5601

■ 9.0442, 10.1371,
1.9702

■ 11.8805, 12.5811,
12.8688

■ 8.8879, 9.9215,
1.6189

■ 12.4797, 12.9954,
15.4865

■ 8.7983, 9.7950,
1.4269

■ 13.1412, 13.4369,
18.4241

■ 13.8668, 13.9065,
21.6922

■ 14.6585, 14.4050,
25.3006

■ 15.5180, 14.9332,
29.2588

Harmonies

Analogous

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



11.6839, 11.1793, 5.5718



10.0615, 11.1793, 5.3689



8.7311, 11.1793, 6.6070

Triad

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



10.0615, 11.1793, 5.3689



8.4449, 11.1793, 18.9216



13.8260, 11.1793, 15.3500

Complementary

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



10.0615, 11.1793, 5.3689



5.5997, 5.0980, 12.7453

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.



12.7761, 11.1793, 20.2178



10.0615, 11.1793, 5.3689



9.6332, 11.1793, 22.6138

Square

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



10.0615, 11.1793, 5.3689



7.8624, 11.1793, 13.8925



11.2104, 11.1793, 23.1403



13.9704, 11.1793, 10.6004

Rectangle

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



10.0615, 11.1793, 5.3689



8.1465, 11.1793, 8.3239



11.2104, 11.1793, 23.1403



13.5627, 11.1793, 17.0548

Sweetspot

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



10.0618, 11.1798, 5.3691



19.9385, 21.4176, 18.7483



7.5156, 5.8761, 5.1719



4.8691, 5.2428, 4.4573



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.0618, 11.1798, 5.3691



17.0462, 19.0620, 7.2133



8.8500, 11.2448, 5.4455



3.0151, 3.2176, 3.0366



11.7613, 13.0758, 1.9040



60.9388, 67.3915, 9.7960

Inverse Universe

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



5.5997, 5.0980, 12.7453



8.0898, 6.8592, 22.0343



6.4520, 5.1598, 12.7123



2.7156, 2.8092, 3.5311



3.2244, 1.5207, 16.2679



16.4683, 7.2332, 84.7296

Previews

White Background



This preview shows how the XYZ color 10.0615, 11.1793, 5.3689 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 10.0615, 11.1793, 5.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

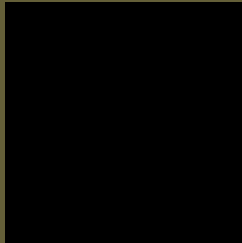
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.0615, 11.1793, 5.3689

Background



This preview shows how black text looks on a background with the XYZ color 10.0615, 11.1793, 5.3689.



This preview shows how white text looks on a background with the XYZ color 10.0615, 11.1793,

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

10.0615, 11.1793, 5.3689

Protanopia

10.3100, 11.1745, 5.3549

Deuteranopia

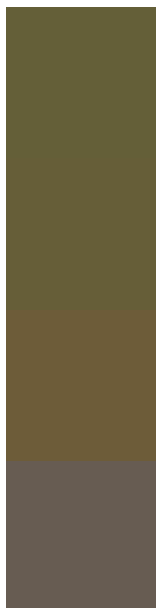
11.3341, 11.1851, 5.4325



Tritanopia

11.5228, 11.1185, 12.8480

Trichromacy



Original Color

10.0615, 11.1793, 5.3689

Protanomaly

10.1960, 11.1157, 5.3495

Deuteranomaly

10.8723, 11.2009, 5.4599

Tritanomaly

10.9437, 11.1471, 9.5574

Monochromacy



Original Color

10.0615, 11.1793, 5.3689

Achromatopsia

10.1725, 10.7023, 11.6548

Achromatomaly

10.0449, 10.8261, 8.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.0615, 11.1793, 5.3689 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(100, 95, 56)` looks like.

```
.text, #text, p{  
    color:rgb(100, 95, 56)  
}
```

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(100, 95, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 95, 56) }
```

Border

The CSS property to change the border of an element to XYZ 10.0615, 11.1793, 5.3689 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(100, 95, 56) }
```


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

```
.border{ border-color:rgb(100, 95, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 95, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 95, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 95, 56);  
box-shadow:4px 4px 4px 4px rgb(100, 95,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 10.0615, 11.1793, 5.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 95, 56) }
```

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

```
.background{ background-color: rgb(100, 95,  
56) }
```

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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