

Converting Colors

XYZ(10.3835, 5.6804, 3.5926)

Have a look what the booklet for
XYZ(10.3835, 5.6804, 3.5926)
contains.

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Color

**XYZ(10.3596, 5.6722,
3.5664)**

Conversions

Conversions Part 1

Format	Color
Hex	841532
RGB	132, 21, 50
RGB Percent	52%, 8%, 20%
CMY	0.4824, 0.9176, 0.8039
CMYK	0.00, 0.84, 0.62, 0.48
HSL	344°, 73%, 30%
HSV	344°, 84%, 52%
XYZ	10.3596, 5.6722, 3.5664
YIQ	57.4950, 56.8470, 32.5510

Conversions

Conversions Part 2

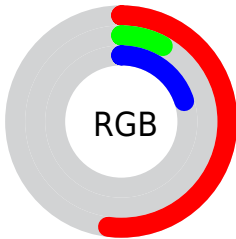
Format	Color
R_{YB}	132, 21, 50
Decimal	8656178
CIE Lab	28.57, 46.73, 12.85
CIE LCh	29, 48.463, 15.380
Yxy	5.6722, 0.5286, 0.2894
Android (android.graphics.Color)	4286846258 (0xFF841532)
YUV	57.4950, -3.6950, 65.3409
Hunter-Lab	23.8164, 35.9649, 7.7930

Details

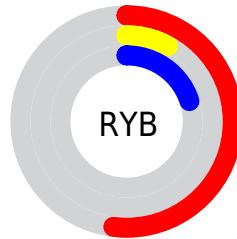
The XYZ color **10.3596, 5.6722, 3.5664** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **11.0094, 17.6414, 15.6598**, and the grayscale version is **3.9546, 4.1605, 4.5308**.

A 20% lighter version of the original color is **26.0709, 17.2405, 13.0200**, and **2.9969, 1.5431, 0.2260** is the 20% darker color. If you saturate the color by 10%, you get **9.9877, 5.2300, 2.5127**, and if you desaturate by 10%, it is **10.9028, 6.3853, 4.8985**.

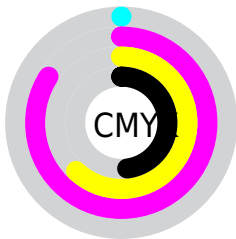
Distribution



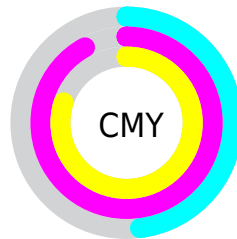
- Red (52%)
- Green (8%)
- Blue (20%)



- Red (52%)
- Yellow (8%)
- Blue (20%)



- Cyan (0%)
- Magenta (84%)
- Yellow (62%)
- Black (48%)



- Cyan (48%)
- Magenta (92%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3596, 5.6722, 3.5664 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, 5.6722, 3.5664 by changing the saturation by 10% instead.

10.3596, 5.6722,
3.5664

10.3596, 5.6722,
3.5664

187.2202,
156.1241, 143.2766

5.7021, 2.6468,
1.3906

26.1133, 17.2471,
12.9967

2.7037, 0.9502,
0.1344

37.9402, 26.5654,
21.0883

0.9991, 0.0000,
0.0000

52.8877, 38.7502,
31.9890

0.0000, 0.0000,
0.0000

71.3210, 54.1857,
46.1172

93.6055, 73.2565,
63.8915

120.1067, 96.3469,

85.7305

151.1898,
123.8413, 112.0527

10.3596, 5.6722,
3.5664

10.3596, 5.6722,
3.5664

9.9877, 5.2300,
2.5127

10.9028, 6.3853,
4.8985

9.8113, 5.0238,
2.0022

11.6386, 7.4075,
6.5291

12.5844, 8.7699,
8.4757

13.7554, 10.4993,
10.7548

15.1655, 12.6200,
13.3813

■ 16.8273, 15.1541,
16.3693

■ 18.7526, 18.1221,
19.7321

■ 20.9524, 21.5430,
23.4824

■ 23.4370, 25.4349,
27.6320

Harmonies

Analogous

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



10.3813, 5.6722, 9.6197



10.3596, 5.6722, 3.5664



8.7949, 5.6722, 1.0338

Triad

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



10.3596, 5.6722, 3.5664



2.9774, 5.6722, 1.0674



4.4256, 5.6722, 25.7859

Complementary

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



10.3596, 5.6722, 3.5664



11.0094, 17.6414, 15.6598

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.



3.0032, 5.6722, 18.7854



10.3596, 5.6722, 3.5664



2.3286, 5.6722, 3.6713

Square

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



10.3596, 5.6722, 3.5664



4.3799, 5.6722, 0.1770



2.3366, 5.6722, 9.8225



6.5474, 5.6722, 25.6819

Rectangle

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



10.3596, 5.6722, 3.5664



7.2759, 5.6722, 0.3636



2.3366, 5.6722, 9.8225



3.8639, 5.6722, 24.0529

Sweetspot

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



10.3597, 5.6725, 3.5665



29.1807, 25.9880, 28.0168



9.9584, 5.0511, 22.2797



6.5825, 5.7274, 6.1451



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



10.3597, 5.6725, 3.5665



17.2284, 8.8277, 3.2406



10.6640, 6.9854, 1.4963



4.7188, 4.7072, 5.1317



9.5018, 4.8651, 1.9491



0.0356, 0.0179, 0.0207

Inverse Universe

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



10.3597, 5.6725, 3.5665



17.2284, 8.8277, 3.2406



9.6389, 12.1547, 23.6677



4.7188, 4.7072, 5.1317



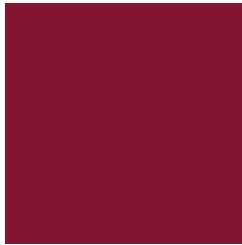
9.5018, 4.8651, 1.9491



0.0356, 0.0179, 0.0207

Previews

White Background



This preview shows how the XYZ color 10.3596, 5.6722, 3.5664 looks on a white background.

Color Contrast Check

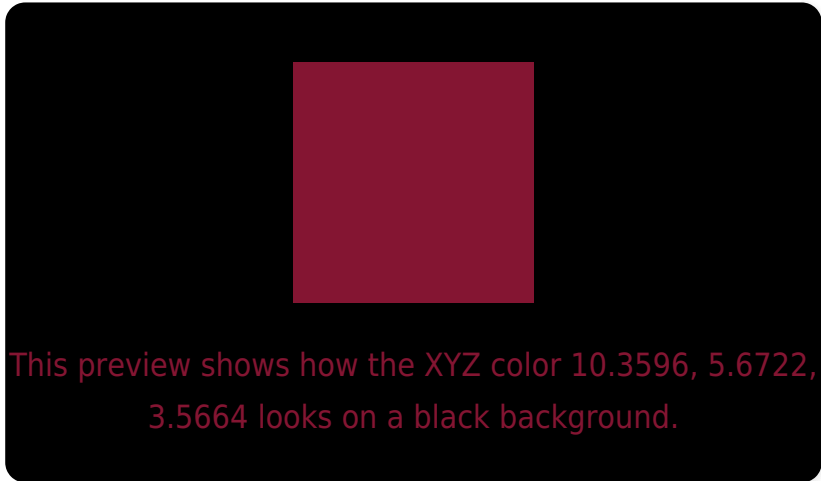
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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, 5.6722, 3.5664

Background



This preview shows how black text looks on a background with the XYZ color 10.3596, 5.6722, 3.5664.



This preview shows how white text looks on a background with the XYZ color 10.3596, 5.6722,

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, 5.6722, 3.5664

Protanopia

5.7594, 6.0005, 6.6490

Deuteranopia

6.0780, 5.9707, 3.3147



Tritanopia

9.9498, 5.6883, 1.6104

Trichromacy



Original Color

10.3596, 5.6722, 3.5664

Protanomaly

6.6394, 5.1420, 5.3452

Deuteranomaly

7.0205, 5.2531, 3.3333

Tritanomaly

10.0111, 5.6419, 2.1515

Monochromacy



Original Color

10.3596, 5.6722, 3.5664

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

5.3743, 4.0839, 4.1194

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3596, 5.6722, 3.5664 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(132, 21, 50)` looks like.

```
.text, #text, p{  
    color:rgb(132, 21, 50)  
}
```

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(132, 21, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 21, 50) }
```

Border

The CSS property to change the border of an element to XYZ 10.3596, 5.6722, 3.5664 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(132, 21, 50) }
```


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

```
.border{ border-color:rgb(132, 21, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 21, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 21, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 21, 50);  
box-shadow:4px 4px 4px 4px rgb(132, 21,  
50) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3596, 5.6722, 3.5664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 21, 50) }
```

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

```
.background{ background-color: rgb(132, 21,  
50) }
```

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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