

Converting Colors

XYZ(10.2917, 11.6322, 14.2732)

Have a look what the booklet for
XYZ(10.2917, 11.6322, 14.2732)
contains.

XYZ(10.3398, 11.6768, 14.2793)	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(10.3398, 11.6768,
14.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	526366
RGB	82, 99, 102
RGB Percent	32%, 39%, 40%
CMY	0.6784, 0.6118, 0.6000
CMYK	0.20, 0.03, 0.00, 0.60
HSL	189°, 11%, 36%
HSV	189°, 20%, 40%
XYZ	10.3398, 11.6768, 14.2793
YIQ	94.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

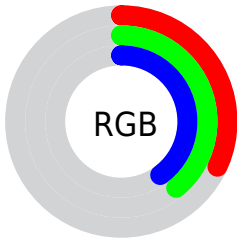
Format	Color
R_{YB}	82, 91, 102
Decimal	5399398
CIE Lab	40.70, -5.70, -3.86
CIE LCh	41, 6.883, 214.086
Yxy	11.6768, 0.2849, 0.3217
Android (android.graphics.Color)	4283589478 (0xFF526366)
YUV	94.2590, 3.8163, -10.7511
Hunter-Lab	34.1713, -5.7881, -0.8558

Details

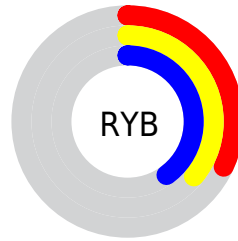
The XYZ color **10.3398, 11.6768, 14.2793** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.2512, 9.9311, 9.3595**, and the grayscale version is **10.6940, 11.2509, 12.2523**.

A 20% lighter version of the original color is **26.1718, 29.0181, 34.3586**, and **2.7256, 3.2154, 4.0914** is the 20% darker color. If you saturate the color by 10%, you get **9.3745, 10.9664, 14.1932**, and if you desaturate by 10%, it is **11.4404, 12.4617, 14.3730**.

Distribution



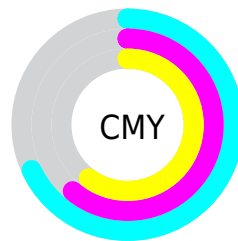
- Red (32%)
- Green (39%)
- Blue (40%)



- Red (32%)
- Yellow (36%)
- Blue (40%)



- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (60%)



- Cyan (68%)
- Magenta (61%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.3398, 11.6768, 14.2793 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 10.3398, 11.6768, 14.2793 by changing the saturation by 10% instead.

■ 10.3398, 11.6768,
14.2793

■ 10.3398, 11.6768,
14.2793

187.0838,
202.2537, 230.4500

■ 5.6888, 6.5240,
8.1742

■ 26.0766, 28.9051,
34.3080

■ 2.6957, 3.1662,
4.1173

■ 37.8932, 41.7494,
49.0687

■ 0.9949, 1.2191,
1.6899

■ 52.8289, 57.9262,
67.5517

■ 0.0000, 0.0772,
0.3538

■ 71.2493, 77.8201,
90.1756

■ 0.0000, 0.0000,
0.0000

■ 93.5196, 101.8154,
117.3588

120.0052,

130.2965, 149.5199

151.0715,
163.6478, 187.0775

■ 10.3398, 11.6768,
14.2793

■ 10.3398, 11.6768,
14.2793

■ 9.3745, 10.9664,
14.1932

■ 11.4404, 12.4617,
14.3730

■ 8.5377, 10.3259,
14.1137

■ 12.6808, 13.3224,
14.4737

■ 7.8234, 9.7527,
14.0407

■ 14.0664, 14.2621,
14.5821

■ 7.2250, 9.2432,
13.9739

■ 15.6022, 15.2833,
14.6983

■ 6.7349, 8.7936,
13.9130

■ 17.2927, 16.3885,
14.8225

■ 6.3448, 8.3994,
13.8574

■ 19.1425, 17.5799,
14.9550

■ 6.0451, 8.0558,
13.8069

■ 21.1557, 18.8599,
15.0959

■ 5.7926, 7.7404,
13.7594

■ 23.3366, 20.2305,
15.2455

■ 5.7827, 7.7282,
13.7575

■ 25.6891, 21.6938,
15.4040

Harmonies

Analogous

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



10.1891, 11.6768, 12.9064



10.3398, 11.6768, 14.2793



10.6937, 11.6768, 15.2858

Triad

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



10.3398, 11.6768, 14.2793



11.9634, 11.6768, 13.9242



11.0318, 11.6768, 10.2190

Complementary

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



10.3398, 11.6768, 14.2793



10.2512, 9.9311, 9.3595

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.



11.5133, 11.6768, 10.4483



10.3398, 11.6768, 14.2793



12.0603, 11.6768, 12.5237

Square

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



10.3398, 11.6768, 14.2793



11.6323, 11.6768, 15.0705



11.8933, 11.6768, 11.2676



10.5812, 11.6768, 10.6170

Rectangle

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



10.3398, 11.6768, 14.2793



11.0021, 11.6768, 15.5768



11.8933, 11.6768, 11.2676



11.1954, 11.6768, 10.2255

Sweetspot

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



10.3401, 11.6773, 14.2796



20.7827, 22.3578, 25.2658



9.8578, 11.9474, 10.3119



4.8827, 5.2604, 5.9588



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.



10.3401, 11.6773, 14.2796



17.2446, 19.8297, 24.9643



9.4784, 9.9538, 13.9923



2.8704, 3.1189, 3.5827



7.4052, 9.8822, 17.6615



38.1177, 50.5320, 91.9460

Inverse Universe

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



10.7492, 9.7605, 13.1223



18.1268, 15.7720, 22.4517



11.0650, 11.5587, 9.6308



2.9191, 2.8823, 3.4468



9.2205, 4.5011, 11.8253



47.8352, 23.3741, 60.3348

Previews

White Background



This preview shows how the XYZ color 10.3398, 11.6768, 14.2793 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 10.3398, 11.6768, 14.2793 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

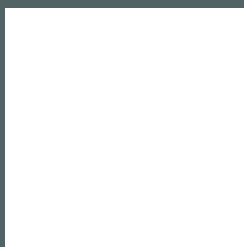
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.3398, 11.6768, 14.2793

Background



This preview shows how black text looks on a background with the XYZ color 10.3398, 11.6768, 14.2793.



This preview shows how white text looks on a background with the XYZ color 10.3398, 11.6768,

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

10.3398, 11.6768, 14.2793

Protanopia

11.2163, 11.5913, 13.7028

Deuteranopia

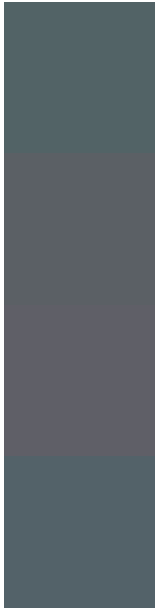
11.8420, 11.6328, 14.4532



Tritanopia

10.5365, 11.6150, 15.3223

Trichromacy



Original Color

10.3398, 11.6768, 14.2793

Protanomaly

10.8462, 11.5295, 13.9657

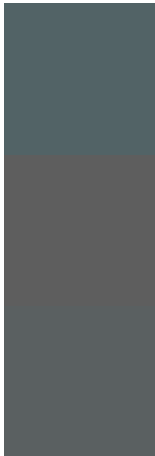
Deuteranomaly

11.2597, 11.5966, 14.4769

Tritanomaly

10.4848, 11.5943, 15.0499

Monochromacy



Original Color

10.3398, 11.6768, 14.2793

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5570, 11.4025, 12.9537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.3398, 11.6768, 14.2793 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, 99, 102) looks like.

```
.text, #text, p{  
    color:rgb(82, 99, 102)  
}
```

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, 99, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 99, 102) }
```

Border

The CSS property to change the border of an element to XYZ 10.3398, 11.6768, 14.2793 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, 99, 102) }
```


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

```
.border{ border-color:rgb(82, 99, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 99, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 99, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 99, 102);  
box-shadow:4px 4px 4px 4px rgb(82, 99,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 10.3398, 11.6768, 14.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 99, 102) }
```

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

```
.background{ background-color: rgb(82, 99,  
102) }
```

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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