

Converting Colors

XYZ(10.1227, 11.0951, 14.8517)

Have a look what the booklet for
XYZ(10.1227, 11.0951, 14.8517)
contains.

XYZ(10.2123, 11.1795, 14.9842)	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(10.2123, 11.1795,
14.9842)**

Conversions

Conversions Part 1

Format	Color
Hex	526069
RGB	82, 96, 105
RGB Percent	32%, 38%, 41%
CMY	0.6784, 0.6235, 0.5882
CMYK	0.22, 0.09, 0.00, 0.59
HSL	203°, 12%, 37%
HSV	203°, 22%, 41%
XYZ	10.2123, 11.1795, 14.9842
YIQ	92.8400, -11.2330, -0.1690

Conversions

Conversions Part 2

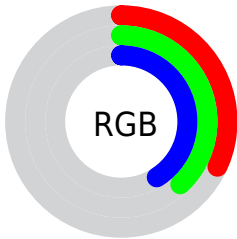
Format	Color
R_{YB}	82, 91, 105
Decimal	5398633
CIE Lab	39.88, -3.17, -6.91
CIE LCh	40, 7.601, 245.388
Yxy	11.1795, 0.2807, 0.3073
Android (android.graphics.Color)	4283588713 (0xFF526069)
YUV	92.8400, 5.9949, -9.5067
Hunter-Lab	33.4358, -3.9932, -3.1657

Details

The XYZ color **10.2123, 11.1795, 14.9842** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0898, 11.0945, 9.5397**, and the grayscale version is **10.3558, 10.8951, 11.8647**.

A 20% lighter version of the original color is **25.7954, 27.8636, 35.4711**, and **2.6673, 2.9800, 4.4376** is the 20% darker color. If you saturate the color by 10%, you get **9.0032, 10.0145, 14.8232**, and if you desaturate by 10%, it is **11.5814, 12.4566, 15.1587**.

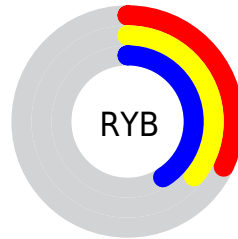
Distribution



Red (32%)

Green (38%)

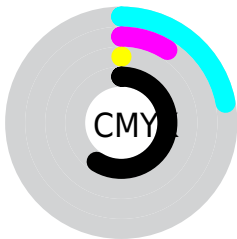
Blue (41%)



Red (32%)

Yellow (36%)

Blue (41%)

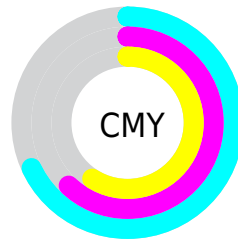


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (59%)



Cyan (68%)

Magenta (62%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.2123, 11.1795, 14.9842 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 10.2123, 11.1795, 14.9842 by changing the saturation by 10% instead.

■ 10.2123, 11.1795,
14.9842

■ 10.2123, 11.1795,
14.9842

186.2028,
198.8949, 234.9081

■ 5.6033, 6.1877,
8.6618

■ 25.8401, 27.9916,
35.5674

■ 2.6437, 2.9595,
4.4275

■ 37.5896, 40.5807,
50.6652

■ 0.9683, 1.1107,
1.8627

■ 52.4501, 56.4711,
69.5253

■ 0.0000, 0.0000,
0.4688

■ 70.7867, 76.0470,
92.5661

■ 0.0000, 0.0000,
0.0000

■ 92.9649, 99.6930,
120.2063

119.3501,

127.7934, 152.8643

150.3076,
160.7325, 190.9587

■ 10.2123, 11.1795,
14.9842

■ 10.2123, 11.1795,
14.9842

■ 9.0032, 10.0145,
14.8232

■ 11.5814, 12.4566,
15.1587

■ 7.9465, 8.9565,
14.6747

■ 13.1157, 13.8481,
15.3465

■ 7.0355, 8.0017,
14.5384

■ 14.8215, 15.3580,
15.5480

■ 6.2622, 7.1457,
14.4140

■ 16.7043, 16.9894,
15.7636

■ 5.6184, 6.3836,
14.3008

■ 18.7694, 18.7456,
15.9938

■ 5.0943, 5.7101,
14.1984

■ 21.0219, 20.6296,
16.2387

■ 4.6781, 5.1185,
14.1062

■ 23.4668, 22.6442,
16.4987

■ 4.3788, 4.6779,
14.0369

■ 26.1085, 24.7922,
16.7741

■ 28.9518, 27.0764,
17.0651

Harmonies

Analogous

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



9.8266, 11.1795, 13.9184



10.2123, 11.1795, 14.9842



10.7205, 11.1795, 15.2721

Triad

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



10.2123, 11.1795, 14.9842



11.6591, 11.1795, 11.9041



10.0538, 11.1795, 9.9716

Complementary

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



10.2123, 11.1795, 14.9842



11.0898, 11.0945, 9.5397

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.



10.5316, 11.1795, 9.5237



10.2123, 11.1795, 14.9842



11.4672, 11.1795, 10.5792

Square

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



10.2123, 11.1795, 14.9842



11.5668, 11.1795, 13.4123



11.0503, 11.1795, 9.7367



9.7372, 11.1795, 11.0117

Rectangle

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



10.2123, 11.1795, 14.9842



11.0629, 11.1795, 14.9653



11.0503, 11.1795, 9.7367



10.2003, 11.1795, 9.7509

Sweetspot

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



10.2126, 11.1800, 14.9845



21.9923, 23.4508, 27.2984



10.4118, 12.6493, 11.7490



5.1304, 5.4740, 6.3920



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.



10.2126, 11.1800, 14.9845



17.2029, 18.9836, 26.6886



9.2532, 9.2611, 14.6646



3.0873, 3.3029, 3.9097



5.5079, 5.8501, 17.7611



27.2026, 28.0838, 90.2132

Inverse Universe

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



10.9545, 9.8825, 12.3970



18.7917, 16.3079, 21.1245



12.1314, 13.1777, 9.8869



3.1698, 3.1448, 3.6248



8.5270, 4.2629, 6.4037



43.0134, 21.5473, 30.3370

Previews

White Background



This preview shows how the XYZ color 10.2123, 11.1795, 14.9842 looks on a white background.

Color Contrast Check

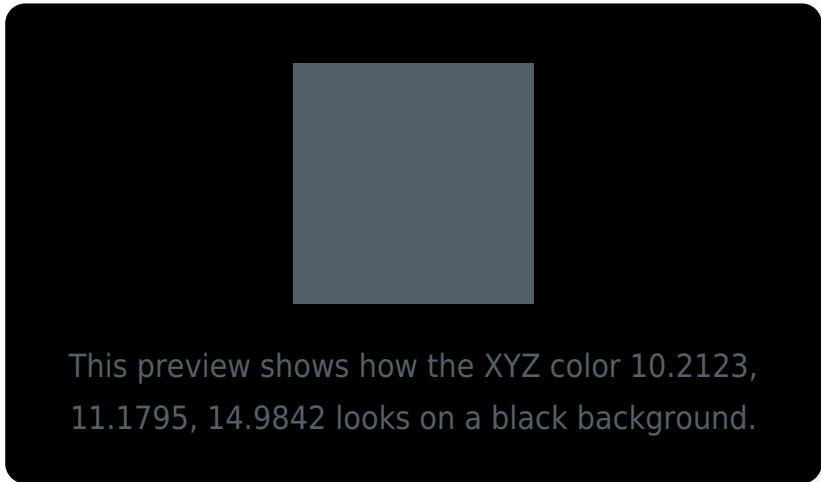
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

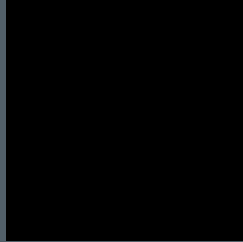
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

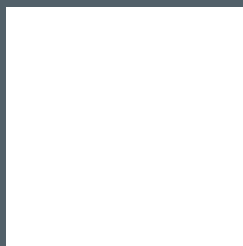
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.2123, 11.1795, 14.9842

Background



This preview shows how black text looks on a background with the XYZ color 10.2123, 11.1795, 14.9842.



This preview shows how white text looks on a background with the XYZ color 10.2123, 11.1795,

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

10.2123, 11.1795, 14.9842

Protanopia

10.8767, 11.1351, 14.4080

Deuteranopia

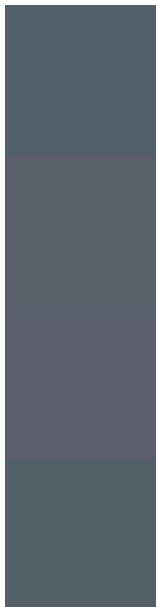
11.2724, 11.0642, 15.1771



Tritanopia

10.1612, 11.1591, 14.7151

Trichromacy



Original Color

10.2123, 11.1795, 14.9842

Protanomaly

10.6212, 11.1287, 14.6850

Deuteranomaly

10.9295, 11.1446, 15.2107

Tritanomaly

10.1612, 11.1591, 14.7151

Monochromacy



Original Color

10.2123, 11.1795, 14.9842

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

10.2802, 10.9923, 12.8892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.2123, 11.1795, 14.9842 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, 96, 105) looks like.

```
.text, #text, p{  
    color:rgb(82, 96, 105)  
}
```

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, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 96, 105) }
```

Border

The CSS property to change the border of an element to XYZ 10.2123, 11.1795, 14.9842 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, 96, 105) }
```


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

```
.border{ border-color:rgb(82, 96, 105) }
```

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

Here you see how a box with a 4 pixel rgb(82, 96, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 96, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 96, 105);  
box-shadow:4px 4px 4px 4px rgb(82, 96,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 10.2123, 11.1795, 14.9842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 96, 105) }
```

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

```
.background{ background-color: rgb(82, 96,  
105) }
```

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