

Converting Colors

XYZ(10.8501, 12.0708, 11.3183)

Have a look what the booklet for
XYZ(10.8501, 12.0708, 11.3183)
contains.

XYZ(10.7792, 11.9721, 11.1939)	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(10.7792, 11.9721,
11.1939)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6359
RGB	93, 99, 89
RGB Percent	36%, 39%, 35%
CMY	0.6353, 0.6118, 0.6510
CMYK	0.06, 0.00, 0.10, 0.61
HSL	96°, 5%, 37%
HSV	96°, 10%, 39%
XYZ	10.7792, 11.9721, 11.1939
YIQ	96.0660, -0.3660, -4.3820

Conversions

Conversions Part 2

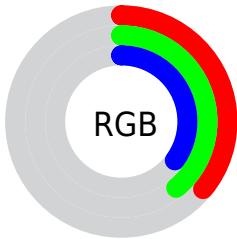
Format	Color
R_{YB}	89, 99, 95
Decimal	6120281
CIE Lab	41.17, -4.41, 4.88
CIE LCh	41, 6.577, 132.100
Yxy	11.9721, 0.3175, 0.3527
Android (android.graphics.Color)	4284310361 (0xFF5D6359)
YUV	96.0660, -3.4835, -2.6889
Hunter-Lab	34.6007, -4.9430, 5.0392

Details

The XYZ color **10.7792, 11.9721, 11.1939** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.5443, 10.4788, 13.2719**, and the grayscale version is **11.1427, 11.7230, 12.7664**.

A 20% lighter version of the original color is **26.8942, 29.5164, 28.7059**, and **2.9000, 3.3324, 2.8732** is the 20% darker color. If you saturate the color by 10%, you get **9.8130, 11.5192, 9.1226**, and if you desaturate by 10%, it is **11.8487, 12.4725, 13.5625**.

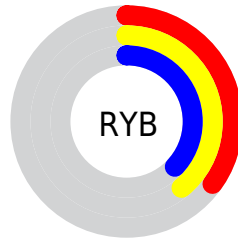
Distribution



Red (36%)

Green (39%)

Blue (35%)



Red (35%)

Yellow (39%)

Blue (37%)

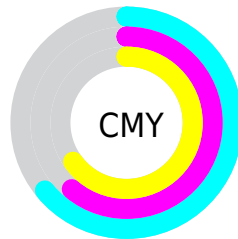


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (61%)



Cyan (64%)

Magenta (61%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7792, 11.9721, 11.1939 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 10.7792, 11.9721, 11.1939 by changing the saturation by 10% instead.

■ 10.7792, 11.9721,
11.1939

■ 10.7792, 11.9721,
11.1939

190.0861,
204.2205, 209.7780

■ 5.9848, 6.7247,
6.0816

■ 26.8877, 29.4443,
28.6603

■ 2.8764, 3.2905,
2.8252

■ 38.9325, 42.4378,
41.8514

■ 1.0887, 1.2852,
1.0061

■ 54.1248, 58.7822,
58.5726

■ 0.0157, 0.1297,
0.0000

■ 72.8300, 78.8618,
79.2424

■ 0.0000, 0.0000,
0.0000

■ 95.4133, 103.0611,
104.2793

122.2402,

131.7643, 134.1018

153.6760,
165.3560, 169.1285

■ 10.7792, 11.9721,
11.1939

■ 10.7792, 11.9721,
11.1939

■ 9.8130, 11.5192,
9.1226

■ 11.8487, 12.4725,
13.5625

■ 8.9460, 11.1109,
7.3360

■ 13.0236, 13.0202,
16.2387

■ 8.1748, 10.7461,
5.8219

■ 14.3073, 13.6170,
19.2332

■ 7.4959, 10.4232,
4.5669

■ 15.7027, 14.2642,
22.5560

■ 6.9054, 10.1405,
3.5565

■ 17.2124, 14.9630,
26.2167

■ 6.3989, 9.8961,
2.7745

■ 18.8390, 15.7146,
30.2245

■ 5.9718, 9.6882,
2.2031

■ 20.5853, 16.5200,
34.5882

■ 5.6188, 9.5143,
1.8217

■ 22.4535, 17.3804,
39.3162

■ 5.3213, 9.3671,
1.5276

■ 24.4462, 18.2969,
44.4169

Harmonies

Analogous

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



11.1892, 11.9721, 10.6472



10.7792, 11.9721, 11.1939



10.5340, 11.9721, 12.2500

Triad

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



10.7792, 11.9721, 11.1939



11.1014, 11.9721, 15.6794



12.2934, 11.9721, 12.4963

Complementary

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



10.7792, 11.9721, 11.1939



10.5443, 10.4788, 13.2719

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.



12.2683, 11.9721, 13.8541



10.7792, 11.9721, 11.1939



11.5712, 11.9721, 15.7568

Square

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



10.7792, 11.9721, 11.1939



10.7164, 11.9721, 14.8642



12.0009, 11.9721, 15.0689



12.0686, 11.9721, 11.3634

Rectangle

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



10.7792, 11.9721, 11.1939



10.4928, 11.9721, 13.1314



12.0009, 11.9721, 15.0689



12.3140, 11.9721, 12.9402

Sweetspot

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



10.7795, 11.9726, 11.1942



19.7590, 21.1306, 21.9984



11.0414, 11.5588, 11.1005



4.6674, 5.0090, 5.1640



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.7795, 11.9726, 11.1942



18.1044, 20.3564, 18.3627



10.4275, 11.7862, 11.3984



2.6289, 2.9001, 2.7653



6.8927, 12.1874, 1.9891



35.8806, 64.6227, 10.5823

Inverse Universe

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



10.5443, 10.4788, 13.2719



17.6184, 17.2705, 22.6549



10.9230, 10.6796, 13.0415



2.5788, 2.5820, 3.2077



5.2733, 2.3793, 15.5690



27.1579, 12.1887, 83.1259

Previews

White Background



This preview shows how the XYZ color 10.7792, 11.9721, 11.1939 looks on a white background.

Color Contrast Check

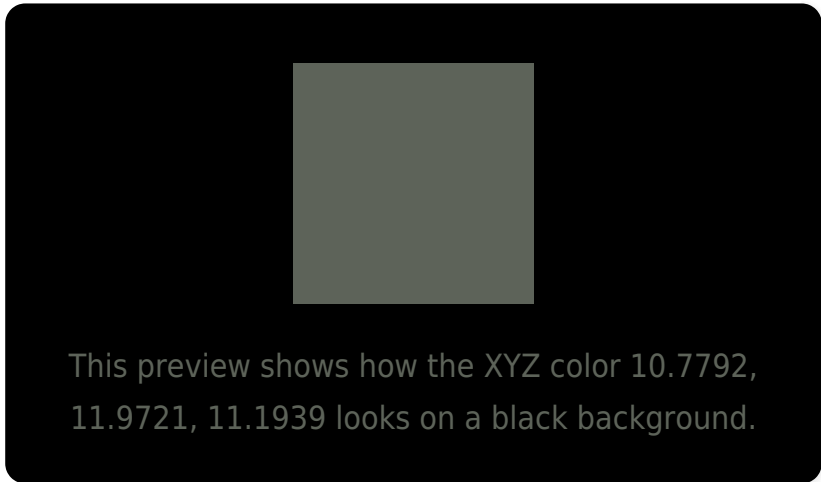
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.7792, 11.9721, 11.1939

Background



This preview shows how black text looks on a background with the XYZ color 10.7792, 11.9721, 11.1939.



This preview shows how white text looks on a background with the XYZ color 10.7792, 11.9721,

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

10.7792, 11.9721, 11.1939

Protanopia

11.4030, 12.0207, 10.9517

Deuteranopia

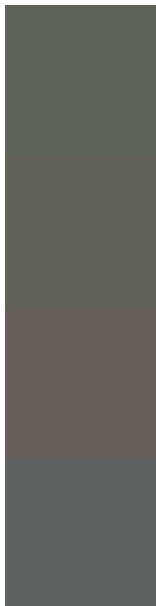
12.1548, 11.9948, 11.3475



Tritanopia

11.4927, 11.9818, 14.8037

Trichromacy



Original Color

10.7792, 11.9721, 11.1939

Protanomaly

11.1661, 12.0366, 10.9673

Deuteranomaly

11.6219, 11.9875, 11.3741

Tritanomaly

11.2359, 12.0159, 13.5315

Monochromacy



Original Color

10.7792, 11.9721, 11.1939

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.9698, 11.7726, 12.0501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7792, 11.9721, 11.1939 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(93, 99, 89) looks like.

```
.text, #text, p{  
    color:rgb(93, 99, 89)  
}
```

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(93, 99, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 99, 89) }
```

Border

The CSS property to change the border of an element to XYZ 10.7792, 11.9721, 11.1939 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(93, 99, 89) }
```


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

```
.border{ border-color:rgb(93, 99, 89) }
```

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

Here you see how a box with a 4 pixel rgb(93, 99, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 99, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 99, 89);  
box-shadow:4px 4px 4px 4px rgb(93, 99, 89)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.7792, 11.9721, 11.1939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 99, 89) }
```

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

```
.background{ background-color: rgb(93, 99,  
89) }
```

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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