

Converting Colors

XYZ(12.1768, 11.6487, 13.9901)

Have a look what the booklet for
XYZ(12.1768, 11.6487, 13.9901)
contains.

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Color

**XYZ(12.2395, 11.7197,
13.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5C65
RGB	107, 92, 101
RGB Percent	42%, 36%, 40%
CMY	0.5804, 0.6392, 0.6039
CMYK	0.00, 0.14, 0.06, 0.58
HSL	324°, 8%, 39%
HSV	324°, 14%, 42%
XYZ	12.2395, 11.7197, 13.9290
YIQ	97.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

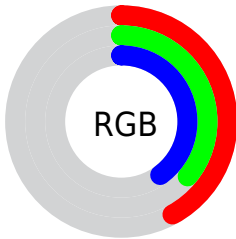
Format	Color
R_{YB}	107, 92, 101
Decimal	7036005
CIE Lab	40.77, 7.80, -2.90
CIE LCh	41, 8.326, 339.616
Yxy	11.7197, 0.3230, 0.3093
Android (android.graphics.Color)	4285226085 (0xFF6B5C65)
YUV	97.5110, 1.7201, 8.3219
Hunter-Lab	34.2340, 3.9085, -0.1598

Details

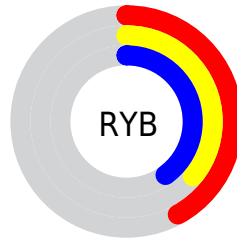
The XYZ color **12.2395, 11.7197, 13.9290** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8764, 13.6728, 13.5690**, and the grayscale version is **11.4833, 12.0813, 13.1566**.

A 20% lighter version of the original color is **29.4410, 28.8821, 33.7289**, and **3.5063, 3.1810, 3.9192** is the 20% darker color. If you saturate the color by 10%, you get **11.1731, 9.9137, 12.5657**, and if you desaturate by 10%, it is **13.4485, 13.7930, 15.3940**.

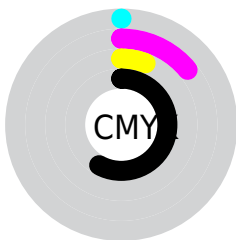
Distribution



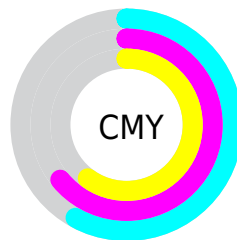
- Red (42%)
- Green (36%)
- Blue (40%)



- Red (42%)
- Yellow (36%)
- Blue (40%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 12.2395, 11.7197, 13.9290 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 12.2395, 11.7197, 13.9290 by changing the saturation by 10% instead.

■ 12.2395, 11.7197,
13.9290

■ 12.2395, 11.7197,
13.9290

199.7222,
202.5407, 228.2017

■ 6.9804, 6.5531,
7.9331

■ 29.5436, 28.9836,
33.6783

■ 3.4960, 3.1842,
3.9650

■ 42.3194, 41.8496,
48.2688

■ 1.4212, 1.2287,
1.6062

■ 58.3313, 58.0510,
66.5613

■ 0.2712, 0.0849,
0.2952

■ 77.9449, 77.9720,
88.9742

■ 0.0000, 0.0000,
0.0000

101.5254,
101.9971, 115.9262

129.4382,

130.5106, 147.8357

162.0487,
163.8970, 185.1214

■ 12.2395, 11.7197,
13.9290

■ 12.2395, 11.7197,
13.9290

■ 11.1731, 9.9137,
12.5657

■ 13.4485, 13.7930,
15.3940

■ 10.2426, 8.3624,
11.3006

■ 14.8043, 16.1424,
16.9625

■ 9.4423, 7.0546,
10.1313

■ 16.3123, 18.7783,
18.6373

■ 8.7658, 5.9776,
9.0546

■ 17.9772, 21.7098,
20.4206

■ 8.2059, 5.1177,
8.0673

■ 19.8037, 24.9458,
22.3147

7.7550, 4.4594,
7.1660

21.7961, 28.4950,
24.3218

7.4040, 3.9853,
6.3467

23.9587, 32.3655,
26.4441

7.1388, 3.6672,
5.6038

26.2953, 36.5650,
28.6836

6.9945, 3.4982,
5.1865

28.8101, 41.1014,
31.0422

Harmonies

Analogous

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



11.8801, 11.7197, 15.4374



12.2395, 11.7197, 13.9290



12.2984, 11.7197, 12.2244

Triad

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



12.2395, 11.7197, 13.9290



10.9503, 11.7197, 9.8117



10.2860, 11.7197, 14.9520

Complementary

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



12.2395, 11.7197, 13.9290



11.8764, 13.6728, 13.5690

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.



10.0553, 11.7197, 13.3125



12.2395, 11.7197, 13.9290



10.4298, 11.7197, 10.4129

Square

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



12.2395, 11.7197, 13.9290



11.5400, 11.7197, 9.9450



10.1069, 11.7197, 11.6597



10.7478, 11.7197, 16.0634

Rectangle

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



12.2395, 11.7197, 13.9290



12.1573, 11.7197, 11.2181



10.1069, 11.7197, 11.6597



10.1796, 11.7197, 14.4388

Sweetspot

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



12.2398, 11.7202, 13.9293



24.0591, 24.6600, 27.5388



11.5185, 11.3131, 15.4865



5.7894, 5.9103, 6.6254



54.2243, 57.0482, 62.1254



6.0569, 6.3724, 6.9395

Same Dimension

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



12.2398, 11.7202, 13.9293



21.2271, 19.8130, 24.0761



11.8890, 11.5799, 12.0816



3.1688, 3.1444, 3.6192



8.4939, 4.2497, 6.2294



42.8429, 21.4791, 29.4390

Inverse Universe

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



12.2398, 11.7202, 13.9293



21.2271, 19.8130, 24.0761



12.2473, 13.8211, 15.5221



3.1688, 3.1444, 3.6192



8.4939, 4.2497, 6.2294



42.8429, 21.4791, 29.4390

Previews

White Background



This preview shows how the XYZ color 12.2395, 11.7197, 13.9290 looks on a white background.

Color Contrast Check

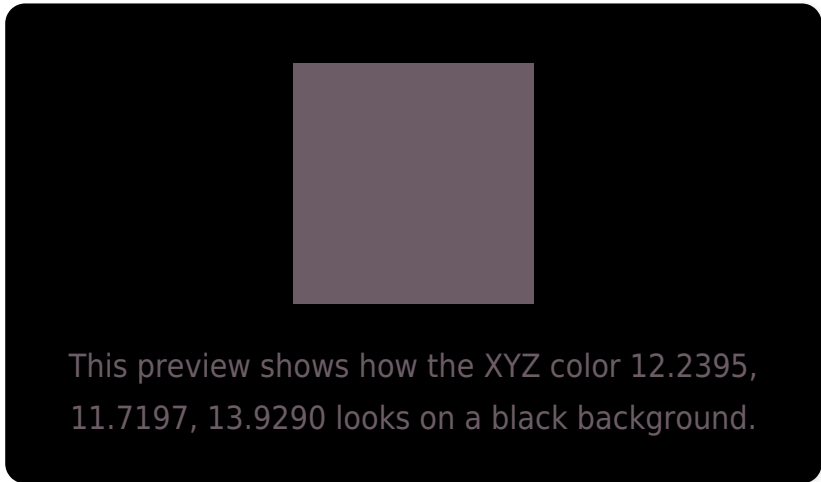
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.2395, 11.7197, 13.9290

Background



This preview shows how black text looks on a background with the XYZ color 12.2395, 11.7197, 13.9290.



This preview shows how white text looks on a background with the XYZ color 12.2395, 11.7197,

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

12.2395, 11.7197, 13.9290

Protanopia

11.4549, 11.8318, 14.5120

Deuteranopia

11.8568, 11.6519, 13.9360



Tritanopia

12.1427, 11.6809, 13.4190

Trichromacy



Original Color

12.2395, 11.7197, 13.9290

Protanomaly

11.7460, 11.8531, 14.2392

Deuteranomaly

11.9722, 11.7113, 13.9414

Tritanomaly

12.1908, 11.7002, 13.6724

Monochromacy



Original Color

12.2395, 11.7197, 13.9290

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.8018, 12.0333, 13.5050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 12.2395, 11.7197, 13.9290 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(107, 92, 101)` looks like.

```
.text, #text, p{  
    color:rgb(107, 92, 101)  
}
```

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(107, 92, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 92, 101) }
```

Border

The CSS property to change the border of an element to XYZ 12.2395, 11.7197, 13.9290 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(107, 92, 101) }
```


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

```
.border{ border-color:rgb(107, 92, 101) }
```

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

Here you see how a box with a 4 pixel rgb(107, 92, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 92, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 92, 101);  
box-shadow:4px 4px 4px 4px rgb(107, 92,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 12.2395, 11.7197, 13.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 92, 101) }
```

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

```
.background{ background-color: rgb(107, 92,  
101) }
```

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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