

Converting Colors

XYZ(11.5391, 11.5790, 9.8104)

Have a look what the booklet for
XYZ(11.5391, 11.5790, 9.8104)
contains.

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Color

**XYZ(11.5391, 11.5790,
9.8104)**

Conversions

Conversions Part 1

Format	Color
Hex	6B5D53
RGB	107, 93, 83
RGB Percent	42%, 36%, 33%
CMY	0.5804, 0.6353, 0.6745
CMYK	0.00, 0.13, 0.22, 0.58
HSL	25°, 13%, 37%
HSV	25°, 22%, 42%
XYZ	11.5391, 11.5790, 9.8104
YIQ	96.0460, 11.5540, -0.1420

Conversions

Conversions Part 2

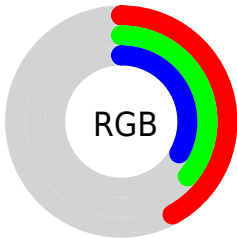
Format	Color
R_{YB}	107, 100, 83
Decimal	7036243
CIE Lab	40.54, 3.88, 7.82
CIE LCh	41, 8.728, 63.630
Yxy	11.5790, 0.3504, 0.3516
Android (android.graphics.Color)	4285226323 (0xFF6B5D53)
YUV	96.0460, -6.4317, 9.6067
Hunter-Lab	34.0279, 0.9817, 6.7260

Details

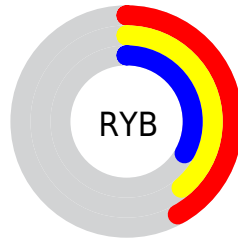
The XYZ color **11.5391, 11.5790, 9.8104** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.4958, 11.4498, 15.5669**, and the grayscale version is **11.1428, 11.7230, 12.7664**.

A 20% lighter version of the original color is **28.2854, 28.6818, 25.8751**, and **3.1700, 3.1028, 2.2655** is the 20% darker color. If you saturate the color by 10%, you get **10.6319, 10.3755, 7.6248**, and if you desaturate by 10%, it is **12.5554, 12.8985, 12.3473**.

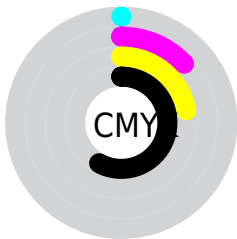
Distribution



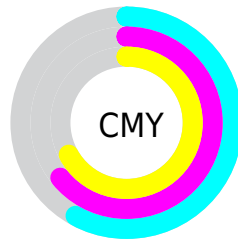
- Red (42%)
- Green (36%)
- Blue (33%)



- Red (42%)
- Yellow (39%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (58%)



- Cyan (58%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.5391, 11.5790, 9.8104 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 11.5391, 11.5790, 9.8104 by changing the saturation by 10% instead.

■ 11.5391, 11.5790,
9.8104

■ 11.5391, 11.5790,
9.8104

195.1625,
201.5979, 199.7489

■ 6.5006, 6.4577,
5.1695

■ 28.2770, 28.7260,
26.0405

■ 3.1953, 3.1253,
2.2866

■ 40.7072, 41.5205,
38.4667

■ 1.2579, 1.1975,
0.7237

■ 56.3320, 57.6414,
54.3251

■ 0.1514, 0.0597,
0.0000

■ 75.5168, 77.4733,
74.0343

■ 0.0000, 0.0000,
0.0000

■ 98.6268, 101.4005,
98.0127

126.0276,

129.8074, 126.6789

158.0844,
163.0784, 160.4514

■ 11.5391, 11.5790,
9.8104

■ 11.5391, 11.5790,
9.8104

■ 10.6319, 10.3755,
7.6248

■ 12.5554, 12.8985,
12.3473

■ 9.8290, 9.2831,
5.7740

■ 13.6836, 14.3356,
15.2495

■ 9.1263, 8.2990,
4.2413

■ 14.9277, 15.8938,
18.5311

■ 8.5194, 7.4194,
3.0085

■ 16.2910, 17.5759,
22.2053

■ 8.0032, 6.6404,
2.0550

■ 17.7767, 19.3849,
26.2844

■ 7.5721, 5.9578,
1.3581

■ 19.3881, 21.3234,
30.7805

■ 7.2194, 5.3668,
0.8880

■ 21.1280, 23.3940,
35.7051

■ 6.9864, 4.9716,
0.5914

■ 22.9994, 25.5993,
41.0691

■ 25.0051, 27.9416,
46.8831

Harmonies

Analogous

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



12.0197, 11.5790, 10.8235



11.5391, 11.5790, 9.8104



10.9308, 11.5790, 9.5209

Triad

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



11.5391, 11.5790, 9.8104



9.8671, 11.5790, 12.8232



11.6734, 11.5790, 15.6426

Complementary

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



11.5391, 11.5790, 9.8104



10.4958, 11.4498, 15.5669

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.



11.0805, 11.5790, 16.2982



11.5391, 11.5790, 9.8104



10.0500, 11.5790, 14.5776

Square

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



11.5391, 11.5790, 9.8104



9.9797, 11.5790, 11.1624



10.4886, 11.5790, 15.8915



12.0992, 11.5790, 14.1723

Rectangle

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



11.5391, 11.5790, 9.8104



10.5383, 11.5790, 9.7526



10.4886, 11.5790, 15.8915



11.4863, 11.5790, 15.9715

Sweetspot

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



11.5394, 11.5795, 9.8106



23.5134, 24.4159, 24.7451



11.3145, 10.1755, 12.6772



5.6734, 5.8870, 5.9434



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.



11.5394, 11.5795, 9.8106



19.7724, 19.5595, 15.4033



12.6765, 13.8537, 10.1897



3.1937, 3.3047, 3.2870



8.4700, 5.9896, 0.7097



42.3396, 28.8829, 3.3434

Inverse Universe

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



10.4958, 11.4498, 15.5669



17.5416, 19.2812, 27.7048



9.4698, 9.3977, 15.2249



3.0813, 3.2908, 3.9077



5.3209, 5.4762, 17.6988



26.2406, 26.1597, 89.8925

Previews

White Background



This preview shows how the XYZ color 11.5391, 11.5790, 9.8104 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 11.5391, 11.5790, 9.8104 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

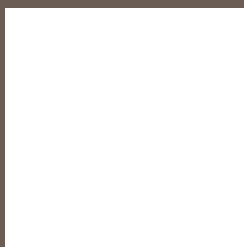
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.5391, 11.5790, 9.8104

Background



This preview shows how black text looks on a background with the XYZ color 11.5391, 11.5790, 9.8104.



This preview shows how white text looks on a background with the XYZ color 11.5391, 11.5790,

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

11.5391, 11.5790, 9.8104

Protanopia

10.9480, 11.5338, 10.0367

Deuteranopia

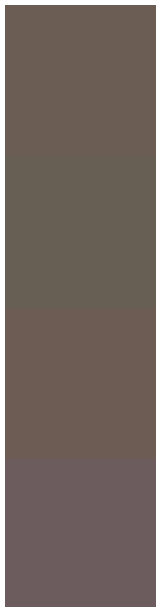
11.6952, 11.5300, 9.7927



Tritanopia

12.2524, 11.6152, 13.1515

Trichromacy



Original Color

11.5391, 11.5790, 9.8104

Protanomaly

11.1965, 11.5291, 10.0227

Deuteranomaly

11.5728, 11.4670, 9.7870

Tritanomaly

11.9873, 11.6328, 11.9695

Monochromacy



Original Color

11.5391, 11.5790, 9.8104

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

11.2361, 11.6491, 11.5538

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.5391, 11.5790, 9.8104 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, 93, 83)` looks like.

```
.text, #text, p{  
    color:rgb(107, 93, 83)  
}
```

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, 93, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 93, 83) }
```

Border

The CSS property to change the border of an element to XYZ 11.5391, 11.5790, 9.8104 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, 93, 83) }
```


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

```
.border{ border-color:rgb(107, 93, 83) }
```

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

Here you see how a box with a 4 pixel rgb(107, 93, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 93, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 93, 83);  
box-shadow:4px 4px 4px 4px rgb(107, 93,  
83) }
```

Background

The CSS property to change the background color of an element to XYZ 11.5391, 11.5790, 9.8104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 93, 83) }
```

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

```
.background{ background-color: rgb(107, 93,  
83) }
```

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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