

Converting Colors

XYZ(10.7939, 13.2199, 11.6287)

Have a look what the booklet for
XYZ(10.7939, 13.2199, 11.6287)
contains.

XYZ(10.7593, 13.1384, 11.6417)	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(10.7593, 13.1384,
11.6417)**

Conversions

Conversions Part 1

Format	Color
Hex	546B5A
RGB	84, 107, 90
RGB Percent	33%, 42%, 35%
CMY	0.6706, 0.5804, 0.6471
CMYK	0.21, 0.00, 0.16, 0.58
HSL	136°, 12%, 37%
HSV	136°, 21%, 42%
XYZ	10.7593, 13.1384, 11.6417
YIQ	98.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

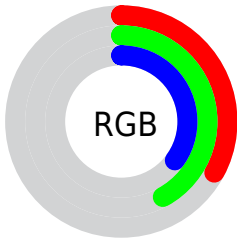
Format	Color
RYB	84, 102, 107
Decimal	5532506
CIELab	42.97, -12.31, 6.75
CIELCh	43, 14.042, 151.274
Yxy	13.1384, 0.3027, 0.3697
Android (android.graphics.Color)	4283722586 (0xFF546B5A)
YUV	98.1850, -4.0352, -12.4402
Hunter-Lab	36.2469, -10.4474, 6.3302

Details

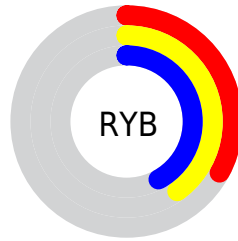
The XYZ color **10.7593, 13.1384, 11.6417** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **11.5832, 10.4063, 13.7107**, and the grayscale version is **11.6670, 12.2746, 13.3670**.

A 20% lighter version of the original color is **26.7920, 31.4155, 29.4627**, and **2.8698, 3.8256, 2.9700** is the 20% darker color. If you saturate the color by 10%, you get **9.5549, 12.5547, 9.9206**, and if you desaturate by 10%, it is **12.1466, 13.8130, 13.5589**.

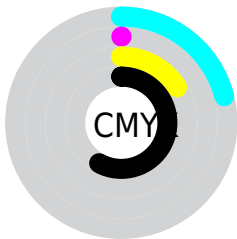
Distribution



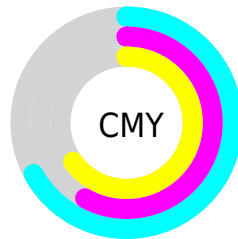
- Red (33%)
- Green (42%)
- Blue (35%)



- Red (33%)
- Yellow (40%)
- Blue (42%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (58%)



- Cyan (67%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7593, 13.1384, 11.6417 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 10.7593, 13.1384, 11.6417 by changing the saturation by 10% instead.

■ 10.7593, 13.1384,
11.6417

■ 10.7593, 13.1384,
11.6417

189.9513,
211.8028, 212.9116

■ 5.9713, 7.5239,
6.3806

■ 26.8511, 31.5522,
29.4954

■ 2.8681, 3.7919,
3.0054

■ 38.8857, 45.1203,
42.9251

■ 1.0844, 1.5578,
1.0974

■ 54.0664, 62.1084,
59.9148

■ 0.0120, 0.3289,
0.0000

■ 72.7588, 82.9009,
80.8830

■ 0.0000, 0.0000,
0.0000

■ 95.3281, 107.8822,
106.2482

122.1397,

137.4367, 136.4291

153.5590,
171.9487, 171.8440

■ 10.7593, 13.1384,
11.6417

■ 10.7593, 13.1384,
11.6417

■ 9.5549, 12.5547,
9.9206

■ 12.1466, 13.8130,
13.5589

■ 8.5246, 12.0564,
8.3887

■ 13.7230, 14.5804,
15.6773

■ 7.6604, 11.6399,
7.0396

■ 15.4957, 15.4446,
18.0029

■ 6.9534, 11.3007,
5.8665

■ 17.4712, 16.4089,
20.5410

■ 6.3937, 11.0337,
4.8621

■ 19.6558, 17.4763,
23.2970

■ 5.9701, 10.8336,
4.0185

■ 22.0554, 18.6499,
26.2758

■ 5.6699, 10.6938,
3.3273

■ 24.6756, 19.9324,
29.4823

■ 5.4665, 10.5993,
2.8508

■ 27.5221, 21.3267,
32.9213

■ 30.6000, 22.8352,
36.5974

Harmonies

Analogous

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



11.4438, 13.1384, 9.8141



10.7593, 13.1384, 11.6417



10.5308, 13.1384, 14.4377

Triad

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



10.7593, 13.1384, 11.6417



12.5337, 13.1384, 21.0869



14.3413, 13.1384, 11.4439

Complementary

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



10.7593, 13.1384, 11.6417



11.5832, 10.4063, 13.7107

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.



14.6731, 13.1384, 14.1741



10.7593, 13.1384, 11.6417



13.5931, 13.1384, 19.9928

Square

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



10.7593, 13.1384, 11.6417



11.5192, 13.1384, 20.1580



14.3918, 13.1384, 17.3474



13.5090, 13.1384, 9.7119

Rectangle

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



10.7593, 13.1384, 11.6417



10.6567, 13.1384, 16.5655



14.3918, 13.1384, 17.3474



14.5172, 13.1384, 12.2609

Sweetspot

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



10.7597, 13.1390, 11.6420



23.2098, 25.4436, 26.2531



12.2533, 13.9373, 10.4320



5.5871, 6.1436, 6.3132



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.



10.7597, 13.1390, 11.6420



18.0960, 22.9585, 19.1883



11.2755, 13.3453, 14.3584



3.0934, 3.4566, 3.4758



6.6384, 12.8894, 3.4067



33.5133, 65.5524, 15.7157

Inverse Universe

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



11.5832, 10.4063, 13.7107



19.8651, 17.0862, 23.6307



11.0690, 10.2006, 11.0029



3.1855, 3.1511, 3.7073



9.0846, 4.4860, 9.3402



45.9211, 22.7104, 45.6488

Previews

White Background



This preview shows how the XYZ color 10.7593, 13.1384, 11.6417 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 10.7593, 13.1384, 11.6417 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 10.7593, 13.1384, 11.6417

Background



This preview shows how black text looks on a background with the XYZ color 10.7593, 13.1384, 11.6417.

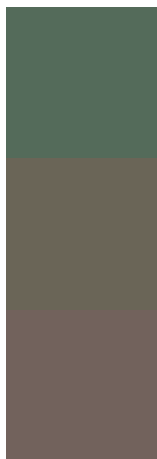


This preview shows how white text looks on a background with the XYZ color 10.7593, 13.1384,

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

10.7593, 13.1384, 11.6417

Protanopia

12.3178, 13.0597, 10.8884

Deuteranopia

13.2389, 13.0855, 11.9532



Tritanopia

11.8994, 13.1452, 17.2393

Trichromacy



Original Color

10.7593, 13.1384, 11.6417

Protanomaly

11.6487, 13.0017, 11.1282

Deuteranomaly

12.1355, 12.9463, 11.7568

Tritanomaly

11.4807, 13.1289, 15.0257

Monochromacy



Original Color

10.7593, 13.1384, 11.6417

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2334, 12.4607, 12.6396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7593, 13.1384, 11.6417 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(84, 107, 90) looks like.

```
.text, #text, p{  
    color:rgb(84, 107, 90)  
}
```

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(84, 107, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 107, 90) }
```

Border

The CSS property to change the border of an element to XYZ 10.7593, 13.1384, 11.6417 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(84, 107, 90) }
```


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

```
.border{ border-color:rgb(84, 107, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 107, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 107, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 107, 90);  
box-shadow:4px 4px 4px 4px rgb(84, 107,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7593, 13.1384, 11.6417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 107, 90) }
```

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

```
.background{ background-color: rgb(84, 107,  
90) }
```

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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