

Converting Colors

XYZ(10.7916, 13.2692, 13.5477)

Have a look what the booklet for
XYZ(10.7916, 13.2692, 13.5477)
contains.

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Color

**XYZ(10.7916, 13.2692,
13.5477)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6C62
RGB	79, 108, 98
RGB Percent	31%, 42%, 38%
CMY	0.6902, 0.5765, 0.6157
CMYK	0.27, 0.00, 0.09, 0.58
HSL	159°, 16%, 37%
HSV	159°, 27%, 42%
XYZ	10.7916, 13.2692, 13.5477
YIQ	98.1890, -14.0740, -9.2580

Conversions

Conversions Part 2

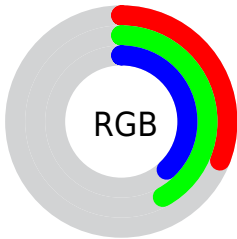
Format	Color
R_{YB}	79, 97, 108
Decimal	5205090
CIE _{Lab}	43.17, -12.91, 2.16
CIE _{LCh}	43, 13.093, 170.485
Yxy	13.2692, 0.2869, 0.3528
Android (android.graphics.Color)	4283395170 (0xFF4F6C62)
YUV	98.1890, -0.0932, -16.8288
Hunter-Lab	36.4269, -10.8659, 3.4480

Details

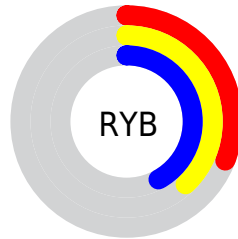
The XYZ color **10.7916, 13.2692, 13.5477** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.7839, 9.5017, 10.7174**, and the grayscale version is **11.6595, 12.2667, 13.3585**.

A 20% lighter version of the original color is **27.0489, 31.9787, 33.1806**, and **2.8629, 3.8030, 3.8320** is the 20% darker color. If you saturate the color by 10%, you get **9.7935, 12.7749, 12.6044**, and if you desaturate by 10%, it is **11.9446, 13.8432, 14.5415**.

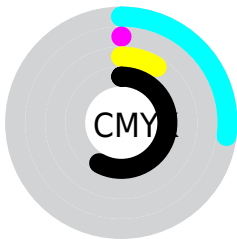
Distribution



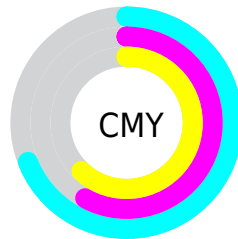
- Red (31%)
- Green (42%)
- Blue (38%)



- Red (31%)
- Yellow (38%)
- Blue (42%)



- Cyan (27%)
- Magenta (0%)
- Yellow (9%)
- Black (58%)



- Cyan (69%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.7916, 13.2692, 13.5477 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 10.7916, 13.2692, 13.5477 by changing the saturation by 10% instead.

■ 10.7916, 13.2692,
13.5477

■ 10.7916, 13.2692,
13.5477

190.1701,
212.6358, 225.7283

■ 5.9931, 7.6142,
7.6716

■ 26.9105, 31.7866,
32.9898

■ 2.8815, 3.8491,
3.8008

■ 38.9617, 45.4177,
47.3929

■ 1.0914, 1.5895,
1.5167

■ 54.1612, 62.4764,
65.4754

■ 0.0179, 0.3505,
0.2303

■ 72.8743, 83.3469,
87.6559

■ 0.0000, 0.0000,
0.0000

■ 95.4664, 108.4137,
114.3529

122.3028,

138.0612, 145.9850

153.7489,
172.6738, 182.9706

■ 10.7916, 13.2692,
13.5477

■ 10.7916, 13.2692,
13.5477

■ 9.7935, 12.7749,
12.6044

■ 11.9446, 13.8432,
14.5415

■ 8.9421, 12.3549,
11.7099

■ 13.2581, 14.4985,
15.5859

■ 8.2300, 12.0058,
10.8634

■ 14.7387, 15.2391,
16.6819

■ 7.6487, 11.7232,
10.0641

■ 16.3924, 16.0679,
17.8305

■ 7.1888, 11.5023,
9.3108

■ 18.2248, 16.9878,
19.0323

■ 6.8395, 11.3375,
8.6024

■ 20.2412, 18.0016,
20.2881

■ 6.5727, 11.2145,
7.9369

■ 22.4469, 19.1120,
21.5988

■ 6.4923, 11.1774,
7.7356

■ 24.8467, 20.3214,
22.9651

■ 27.4454, 21.6323,
24.3876

Harmonies

Analogous

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



11.1720, 13.2692, 11.1895



10.7916, 13.2692, 13.5477



10.8785, 13.2692, 16.4836

Triad

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



10.7916, 13.2692, 13.5477



13.3041, 13.2692, 20.3108



13.8887, 13.2692, 10.5671

Complementary

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



10.7916, 13.2692, 13.5477



10.7839, 9.5017, 10.7174

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.



14.5205, 13.2692, 12.5872



10.7916, 13.2692, 13.5477



14.1706, 13.2692, 18.2845

Square

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



10.7916, 13.2692, 13.5477



12.2936, 13.2692, 20.6582



14.6264, 13.2692, 15.3871



12.9358, 13.2692, 9.6266

Rectangle

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



10.7916, 13.2692, 13.5477



11.1915, 13.2692, 18.3691



14.6264, 13.2692, 15.3871



14.1478, 13.2692, 11.1287

Sweetspot

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



10.7920, 13.2697, 13.5480



22.9435, 25.2872, 27.1063



10.9085, 13.4215, 9.4130



5.4823, 6.0851, 6.5057



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.



10.7920, 13.2697, 13.5480



17.8597, 22.7569, 22.7772



10.8468, 12.5758, 16.0436



3.1396, 3.4750, 3.7192



7.7305, 13.3263, 9.1578



38.9702, 67.7352, 44.4517

Inverse Universe

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



10.7839, 9.5017, 10.7174



17.8439, 14.9928, 16.9483



10.7161, 9.9932, 8.7614



3.1388, 3.1324, 3.4615



7.7672, 3.9590, 2.4028



39.2033, 20.0232, 10.2730

Previews

White Background



This preview shows how the XYZ color 10.7916, 13.2692, 13.5477 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 10.7916, 13.2692, 13.5477 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 10.7916, 13.2692, 13.5477

Background



This preview shows how black text looks on a background with the XYZ color 10.7916, 13.2692, 13.5477.



This preview shows how white text looks on a background with the XYZ color 10.7916, 13.2692,

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

10.7916, 13.2692, 13.5477

Protanopia

12.4998, 13.1188, 12.4630

Deuteranopia

13.3500, 13.1002, 13.8816



Tritanopia

11.6710, 13.3168, 17.8749

Trichromacy



Original Color

10.7916, 13.2692, 13.5477

Protanomaly

11.8397, 13.2136, 12.7529

Deuteranomaly

12.2590, 13.1129, 13.6893

Tritanomaly

11.3578, 13.3474, 16.1650

Monochromacy



Original Color

10.7916, 13.2692, 13.5477

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2704, 12.6087, 13.3950

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.7916, 13.2692, 13.5477 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(79, 108, 98)` looks like.

```
.text, #text, p{  
    color:rgb(79, 108, 98)  
}
```

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(79, 108, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 108, 98) }
```

Border

The CSS property to change the border of an element to XYZ 10.7916, 13.2692, 13.5477 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(79, 108, 98) }
```


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

```
.border{ border-color:rgb(79, 108, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 108, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 108, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 108, 98);  
box-shadow:4px 4px 4px 4px rgb(79, 108,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 10.7916, 13.2692, 13.5477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 108, 98) }
```

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

```
.background{ background-color: rgb(79, 108,  
98) }
```

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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