

Converting Colors

XYZ(10.6102, 13.1400, 12.9611)

Have a look what the booklet for
XYZ(10.6102, 13.1400, 12.9611)
contains.

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Color

**XYZ(10.6983, 13.2319,
13.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6C60
RGB	79, 108, 96
RGB Percent	31%, 42%, 38%
CMY	0.6902, 0.5765, 0.6235
CMYK	0.27, 0.00, 0.11, 0.58
HSL	155°, 16%, 37%
HSV	155°, 27%, 42%
XYZ	10.6983, 13.2319, 13.0565
YIQ	97.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

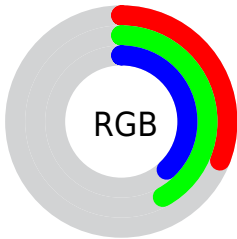
Format	Color
R_{YB}	79, 97, 108
Decimal	5205088
CIE _{Lab}	43.11, -13.37, 3.29
CIE _{LCh}	43, 13.772, 166.178
Yxy	13.2319, 0.2892, 0.3577
Android (android.graphics.Color)	4283395168 (0xFF4F6C60)
YUV	97.9610, -0.9668, -16.6288
Hunter-Lab	36.3757, -11.1595, 4.1817

Details

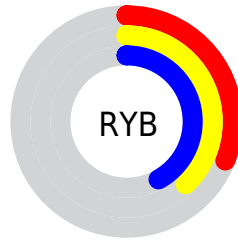
The XYZ color **10.6983, 13.2319, 13.0565** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.8691, 9.5357, 11.1657**, and the grayscale version is **11.6047, 12.2091, 13.2957**.

A 20% lighter version of the original color is **26.8124, 31.8841, 31.9352**, and **2.8188, 3.7853, 3.5997** is the 20% darker color. If you saturate the color by 10%, you get **9.6721, 12.7263, 11.9649**, and if you desaturate by 10%, it is **11.8830, 13.8185, 14.2172**.

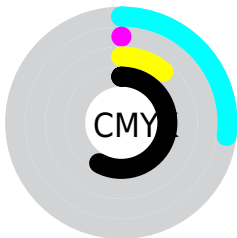
Distribution



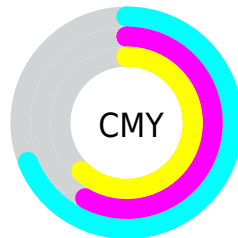
- Red (31%)
- Green (42%)
- Blue (38%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.6983, 13.2319, 13.0565 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 10.6983, 13.2319, 13.0565 by changing the saturation by 10% instead.

■ 10.6983, 13.2319,
13.0565

■ 10.6983, 13.2319,
13.0565

189.5372,
212.3986, 222.5000

■ 5.9301, 7.5884,
7.3363

■ 26.7388, 31.7198,
32.0979

■ 2.8429, 3.8327,
3.5917

■ 38.7419, 45.3330,
46.2562

■ 1.0712, 1.5804,
1.4041

■ 53.8873, 62.3715,
64.0643

■ 0.0008, 0.3444,
0.1449

■ 72.5405, 83.2198,
85.9406

■ 0.0000, 0.0000,
0.0000

■ 95.0667, 108.2623,
112.3038

121.8313,

137.8833, 143.5724

153.1997,
172.4673, 180.1650

■ 10.6983, 13.2319,
13.0565

■ 10.6983, 13.2319,
13.0565

■ 9.6721, 12.7263,
11.9649

■ 11.8830, 13.8185,
14.2172

■ 8.7959, 12.2964,
10.9400

■ 13.2318, 14.4880,
15.4474

■ 8.0624, 11.9387,
9.9809

■ 14.7513, 15.2442,
16.7486

■ 7.4630, 11.6489,
9.0861

■ 16.4477, 16.0900,
18.1221

■ 6.9881, 11.4220,
8.2541

■ 18.3267, 17.0286,
19.5689

■ 6.6269, 11.2525,
7.4831

■ 20.3935, 18.0626,
21.0904

■ 6.3513, 11.1259,
6.7707

■ 22.6536, 19.1947,
22.6875

■ 6.2687, 11.0880,
6.5579

■ 25.1118, 20.4274,
24.3615

■ 27.7731, 21.7633,
26.1133

Harmonies

Analogous

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



11.1617, 13.2319, 10.7297



10.6983, 13.2319, 13.0565



10.7178, 13.2319, 16.0967

Triad

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



10.6983, 13.2319, 13.0565



13.1534, 13.2319, 20.7762



14.0422, 13.2319, 10.5907

Complementary

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



10.6983, 13.2319, 13.0565



10.8691, 9.5357, 11.1657

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.



14.6386, 13.2319, 12.8404



10.6983, 13.2319, 13.0565



14.1061, 13.2319, 18.8417

Square

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



10.6983, 13.2319, 13.0565



12.0956, 13.2319, 20.8556



14.6626, 13.2319, 15.8482



13.0701, 13.2319, 9.4474

Rectangle

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



10.6983, 13.2319, 13.0565



11.0011, 13.2319, 18.1374



14.6626, 13.2319, 15.8482



14.2956, 13.2319, 11.2272

Sweetspot

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



10.6987, 13.2324, 13.0568



22.8885, 25.2652, 26.8167



11.0968, 13.5186, 9.4217



5.4671, 6.0791, 6.4256



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.



10.6987, 13.2324, 13.0568



17.6654, 22.6792, 21.7544



11.0428, 12.9679, 16.1090



3.1314, 3.4717, 3.6758



7.4630, 13.2193, 7.7494



37.5877, 67.1822, 37.1712

Inverse Universe

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



10.8691, 9.5357, 11.1657



18.0170, 15.0620, 17.8600



10.5695, 9.6999, 8.7124



3.1469, 3.1356, 3.5037



7.9212, 4.0206, 3.2137



39.9502, 20.3220, 14.2066

Previews

White Background



This preview shows how the XYZ color 10.6983, 13.2319, 13.0565 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 10.6983, 13.2319, 13.0565 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 10.6983, 13.2319, 13.0565

Background



This preview shows how black text looks on a background with the XYZ color 10.6983, 13.2319, 13.0565.



This preview shows how white text looks on a background with the XYZ color 10.6983, 13.2319,

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

10.6983, 13.2319, 13.0565

Protanopia

12.4111, 13.0833, 11.9964

Deuteranopia

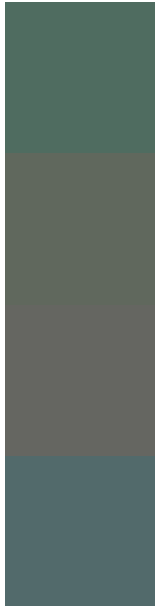
13.3823, 13.1279, 13.3839



Tritanopia

11.6561, 13.1571, 17.8448

Trichromacy



Original Color

10.6983, 13.2319, 13.0565

Protanomaly

11.7500, 13.1777, 12.2802

Deuteranomaly

12.2759, 13.1325, 13.1971

Tritanomaly

11.2876, 13.1634, 15.8558

Monochromacy



Original Color

10.6983, 13.2319, 13.0565

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.2234, 12.5900, 13.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.6983, 13.2319, 13.0565 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(79, 108, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 108, 96) }
```

Border

The CSS property to change the border of an element to XYZ 10.6983, 13.2319, 13.0565 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, 96) }
```


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

```
.border{ border-color:rgb(79, 108, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 108, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 108, 96);  
box-shadow:4px 4px 4px 4px rgb(79, 108,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 10.6983, 13.2319, 13.0565 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, 96) }
```

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

```
.background{ background-color: rgb(79, 108,  
96) }
```

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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