

Converting Colors

XYZ(10.9144, 12.5272, 13.7708)

Have a look what the booklet for
XYZ(10.9144, 12.5272, 13.7708)
contains.

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Color

**XYZ(10.9401, 12.5798,
13.6559)**

Conversions

Conversions Part 1

Format	Color
Hex	566763
RGB	86, 103, 99
RGB Percent	34%, 40%, 39%
CMY	0.6627, 0.5961, 0.6118
CMYK	0.17, 0.00, 0.04, 0.60
HSL	166°, 9%, 37%
HSV	166°, 17%, 40%
XYZ	10.9401, 12.5798, 13.6559
YIQ	97.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

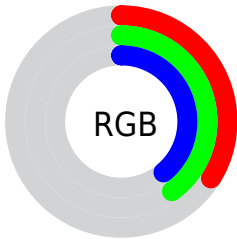
Format	Color
R_{YB}	86, 96, 103
Decimal	5662563
CIE Lab	42.12, -7.31, 0.10
CIE LCh	42, 7.312, 179.209
Yxy	12.5798, 0.2943, 0.3384
Android (android.graphics.Color)	4283852643 (0xFF566763)
YUV	97.4610, 0.7587, -10.0513
Hunter-Lab	35.4680, -7.0107, 1.9998

Details

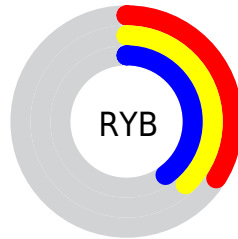
The XYZ color **10.9401, 12.5798, 13.6559** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.7672, 10.2776, 11.0896**, and the grayscale version is **11.4759, 12.0735, 13.1480**.

A 20% lighter version of the original color is **27.2140, 30.5475, 33.3161**, and **2.9318, 3.5365, 3.8962** is the 20% darker color. If you saturate the color by 10%, you get **9.9452, 12.0804, 13.0135**, and if you desaturate by 10%, it is **12.0759, 13.1521, 14.3235**.

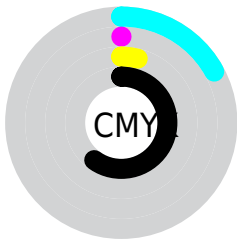
Distribution



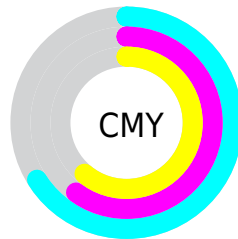
- Red (34%)
- Green (40%)
- Blue (39%)



- Red (34%)
- Yellow (38%)
- Blue (40%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (60%)



- Cyan (66%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9401, 12.5798, 13.6559 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 10.9401, 12.5798, 13.6559 by changing the saturation by 10% instead.

■ 10.9401, 12.5798,
13.6559

■ 10.9401, 12.5798,
13.6559

191.1729,
208.2068, 226.4330

■ 6.0936, 7.1398,
7.7457

■ 27.1833, 30.5468,
33.1855

■ 2.9433, 3.5497,
3.8472

■ 39.3106, 43.8426,
47.6420

■ 1.1238, 1.4250,
1.5419

■ 54.5957, 60.5258,
65.7844

■ 0.0449, 0.2350,
0.2489

■ 73.4037, 80.9808,
88.0312

■ 0.0000, 0.0000,
0.0000

■ 96.1000, 105.5921,
114.8009

123.0501,

134.7439, 146.5121

154.6193,
168.8207, 183.5833

■ 10.9401, 12.5798,
13.6559

■ 10.9401, 12.5798,
13.6559

■ 9.9452, 12.0804,
13.0135

■ 12.0759, 13.1521,
14.3235

■ 9.0843, 11.6494,
12.3952

■ 13.3571, 13.7985,
15.0161

■ 8.3514, 11.2840,
11.8007

■ 14.7891, 14.5224,
15.7341

■ 7.7398, 10.9807,
11.2296

■ 16.3770, 15.3262,
16.4781

■ 7.2421, 10.7358,
10.6814

■ 18.1255, 16.2123,
17.2483

■ 6.8500, 10.5449,
10.1554

■ 20.0390, 17.1831,
18.0453

■ 6.5542, 10.4032,
9.6512

■ 22.1219, 18.2408,
18.8692

■ 6.3290, 10.2976,
9.1673

■ 24.3784, 19.3875,
19.7204

■ 6.2530, 10.2620,
9.0023

■ 26.8124, 20.6254,
20.5994

Harmonies

Analogous

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



11.0797, 12.5798, 12.2189



10.9401, 12.5798, 13.6559



11.0660, 12.5798, 15.2132

Triad

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



10.9401, 12.5798, 13.6559



12.4750, 12.5798, 16.4847



12.5007, 12.5798, 11.2796

Complementary

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



10.9401, 12.5798, 13.6559



10.7672, 10.2776, 11.0896

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.



12.8941, 12.5798, 12.2855



10.9401, 12.5798, 13.6559



12.8789, 12.5798, 15.2903

Square

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



10.9401, 12.5798, 13.6559



11.9423, 12.5798, 16.9195



13.0345, 12.5798, 13.7387



11.9712, 12.5798, 10.9125

Rectangle

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



10.9401, 12.5798, 13.6559



11.2857, 12.5798, 16.0951



13.0345, 12.5798, 13.7387



12.6538, 12.5798, 11.5502

Sweetspot

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



10.9405, 12.5803, 13.6562



21.9186, 23.6985, 25.8125



10.7711, 12.5592, 10.6606



5.3200, 5.7679, 6.2822



52.6788, 55.4222, 60.3547



5.6320, 5.9254, 6.4527

Same Dimension

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



10.9405, 12.5803, 13.6562



18.8322, 22.1449, 23.9768



10.7245, 11.8345, 14.5517



2.8774, 3.1747, 3.4561



7.8530, 12.9048, 11.2533



40.6079, 67.1657, 56.8508

Inverse Universe

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



10.7672, 10.2776, 11.0896



18.4558, 17.1397, 18.3994



10.9509, 10.9103, 10.3329



2.8535, 2.8560, 3.1008



7.2353, 3.7071, 1.3717



37.4428, 19.2171, 5.6092

Previews

White Background



This preview shows how the XYZ color 10.9401, 12.5798, 13.6559 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 10.9401, 12.5798, 13.6559 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 10.9401, 12.5798, 13.6559

Background



This preview shows how black text looks on a background with the XYZ color 10.9401, 12.5798, 13.6559.



This preview shows how white text looks on a background with the XYZ color 10.9401, 12.5798,

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

10.9401, 12.5798, 13.6559

Protanopia

12.0990, 12.6115, 13.1058

Deuteranopia

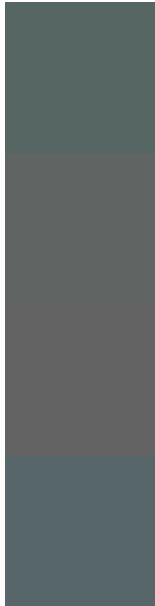
12.6675, 12.4740, 13.7967



Tritanopia

11.4385, 12.4862, 16.2752

Trichromacy



Original Color

10.9401, 12.5798, 13.6559

Protanomaly

11.5856, 12.4830, 13.3541

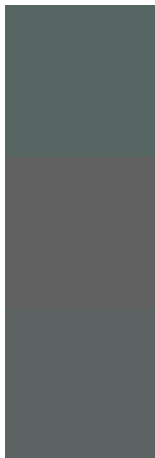
Deuteranomaly

12.0176, 12.5531, 13.8462

Tritanomaly

11.2317, 12.5489, 15.1948

Monochromacy



Original Color

10.9401, 12.5798, 13.6559

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.1806, 12.1327, 13.3078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9401, 12.5798, 13.6559 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(86, 103, 99) looks like.

```
.text, #text, p{  
    color:rgb(86, 103, 99)  
}
```

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(86, 103, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 103, 99) }
```

Border

The CSS property to change the border of an element to XYZ 10.9401, 12.5798, 13.6559 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(86, 103, 99) }
```


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

```
.border{ border-color:rgb(86, 103, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 103, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 103, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 103, 99);  
box-shadow:4px 4px 4px 4px rgb(86, 103,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9401, 12.5798, 13.6559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 103, 99) }
```

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

```
.background{ background-color: rgb(86, 103,  
99) }
```

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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