

Converting Colors

XYZ(10.9749, 12.0505, 12.3843)

Have a look what the booklet for
XYZ(10.9749, 12.0505, 12.3843)
contains.

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Color

**XYZ(10.9964, 12.0590,
12.3377)**

Conversions

Conversions Part 1

Format	Color
Hex	5D635E
RGB	93, 99, 94
RGB Percent	36%, 39%, 37%
CMY	0.6353, 0.6118, 0.6314
CMYK	0.06, 0.00, 0.05, 0.61
HSL	130°, 3%, 38%
HSV	130°, 6%, 39%
XYZ	10.9964, 12.0590, 12.3377
YIQ	96.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

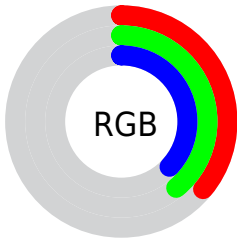
Format	Color
RYB	93, 98, 99
Decimal	6120286
CIELab	41.31, -3.39, 2.03
CIElCh	41, 3.950, 149.088
Yxy	12.0590, 0.3107, 0.3407
Android (android.graphics.Color)	4284310366 (0xFF5D635E)
YUV	96.6360, -1.2995, -3.1888
Hunter-Lab	34.7261, -4.2466, 3.2433

Details

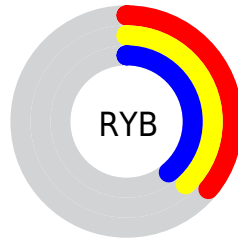
The XYZ color **10.9964, 12.0590, 12.3377** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.2650, 11.3634, 13.1555**, and the grayscale version is **11.2768, 11.8640, 12.9199**.

A 20% lighter version of the original color is **27.2681, 29.6659, 30.6745**, and **2.9789, 3.3639, 3.2886** is the 20% darker color. If you saturate the color by 10%, you get **9.7079, 11.4356, 10.4471**, and if you desaturate by 10%, it is **12.4550, 12.7662, 14.4434**.

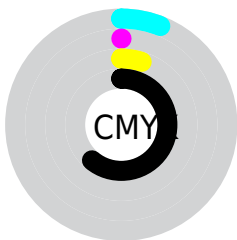
Distribution



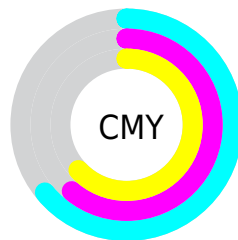
- Red (36%)
- Green (39%)
- Blue (37%)



- Red (36%)
- Yellow (38%)
- Blue (39%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (61%)



- Cyan (64%)
- Magenta (61%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9964, 12.0590, 12.3377 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 10.9964, 12.0590, 12.3377 by changing the saturation by 10% instead.

■ 10.9964, 12.0590,
12.3377

■ 10.9964, 12.0590,
12.3377

191.5516,
204.7955, 217.6850

■ 6.1317, 6.7839,
6.8488

■ 27.2865, 29.6025,
30.7822

■ 2.9667, 3.3273,
3.2907

■ 39.4426, 42.6397,
44.5749

■ 1.1362, 1.3049,
1.2449

■ 54.7599, 59.0330,
61.9726

■ 0.0551, 0.1450,
0.0160

■ 73.6038, 79.1669,
83.3938

■ 0.0000, 0.0000,
0.0000

96.3395, 103.4256,
109.2571

123.3325,

132.1937, 139.9811

154.9481,
165.8556, 175.9842

■ 10.9964, 12.0590,
12.3377

■ 10.9964, 12.0590,
12.3377

■ 9.7079, 11.4356,
10.4471

■ 12.4550, 12.7662,
14.4434

■ 8.5822, 10.8914,
8.7640

■ 14.0884, 13.5584,
16.7699

■ 7.6131, 10.4236,
7.2817

■ 15.9026, 14.4391,
19.3235

■ 6.7937, 10.0288,
5.9925

■ 17.9030, 15.4107,
22.1103

■ 6.1162, 9.7034,
4.8886

■ 20.0947, 16.4758,
25.1360

■ 5.5727, 9.4431,
3.9613

■ 22.4824, 17.6369,
28.4060

■ 5.1539, 9.2436,
3.2016

■ 25.0711, 18.8962,
31.9257

■ 4.8497, 9.0998,
2.5993

■ 27.8653, 20.2559,
35.7003

■ 4.6349, 8.9989,
2.1428

■ 30.8693, 21.7184,
39.7348

Harmonies

Analogous

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



11.1965, 12.0590, 11.8016



10.9964, 12.0590, 12.3377



10.9207, 12.0590, 13.1051

Triad

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



10.9964, 12.0590, 12.3377



11.4530, 12.0590, 14.7686



11.9490, 12.0590, 12.3794

Complementary

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



10.9964, 12.0590, 12.3377



11.2650, 11.3634, 13.1555

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.



12.0204, 12.0590, 13.1553



10.9964, 12.0590, 12.3377



11.7311, 12.0590, 14.5550

Square

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



10.9964, 12.0590, 12.3377



11.1816, 12.0590, 14.5282



11.9400, 12.0590, 13.9559



11.7465, 12.0590, 11.8249

Rectangle

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



10.9964, 12.0590, 12.3377



10.9499, 12.0590, 13.6519



11.9400, 12.0590, 13.9559



11.9892, 12.0590, 12.6219

Sweetspot

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



10.9967, 12.0595, 12.3380



19.8299, 21.1547, 22.5660



11.4859, 12.3169, 12.1280



4.7243, 5.0336, 5.3795



49.6657, 52.2522, 56.9026



4.8358, 5.0876, 5.5404

Same Dimension

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



10.9967, 12.0595, 12.3380



18.5976, 20.5577, 20.7770



11.1294, 12.1126, 13.0367



2.6169, 2.8903, 2.9249



5.9313, 11.6785, 2.5443



31.4540, 62.2965, 12.3694

Inverse Universe

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



11.2650, 11.3634, 13.1555



19.1401, 19.1499, 22.4304



11.1304, 11.3096, 12.4469



2.6919, 2.6956, 3.1536



8.7056, 4.2571, 10.8356



46.2298, 22.6314, 56.4237

Previews

White Background



This preview shows how the XYZ color 10.9964, 12.0590, 12.3377 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 10.9964, 12.0590, 12.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

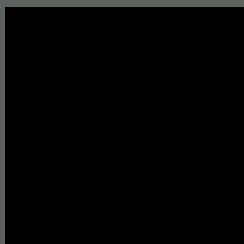
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

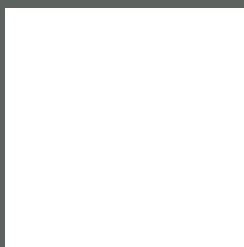
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 10.9964, 12.0590, 12.3377

Background



This preview shows how black text looks on a background with the XYZ color 10.9964, 12.0590, 12.3377.



This preview shows how white text looks on a background with the XYZ color 10.9964, 12.0590,

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

10.9964, 12.0590, 12.3377

Protanopia

11.5060, 12.0490, 12.0752

Deuteranopia

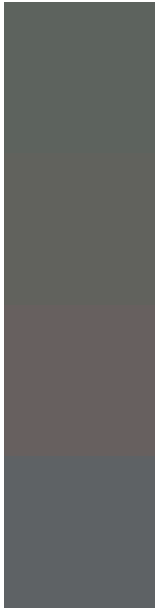
12.2526, 12.0198, 12.5007



Tritanopia

11.5438, 12.0022, 15.0728

Trichromacy



Original Color

10.9964, 12.0590, 12.3377

Protanomaly

11.2732, 12.0671, 12.0909

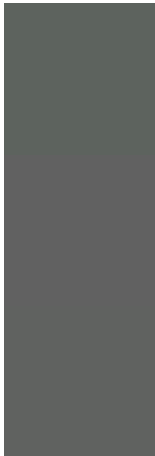
Deuteranomaly

11.8419, 12.0755, 12.5331

Tritanomaly

11.3327, 12.0546, 14.0414

Monochromacy



Original Color

10.9964, 12.0590, 12.3377

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.3029, 12.0667, 12.7997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9964, 12.0590, 12.3377 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(93, 99, 94) looks like.

```
.text, #text, p{  
    color:rgb(93, 99, 94)  
}
```

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(93, 99, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 99, 94) }
```

Border

The CSS property to change the border of an element to XYZ 10.9964, 12.0590, 12.3377 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(93, 99, 94) }
```


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

```
.border{ border-color:rgb(93, 99, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 99, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 99, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 99, 94);  
box-shadow:4px 4px 4px 4px rgb(93, 99, 94)  
}
```

Background

The CSS property to change the background color of an element to XYZ 10.9964, 12.0590, 12.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 99, 94) }
```

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

```
.background{ background-color: rgb(93, 99,  
94) }
```

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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