

Converting Colors

XYZ(10.4748, 11.9472, 11.4030)

Have a look what the booklet for
XYZ(10.4748, 11.9472, 11.4030)
contains.

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Color

**XYZ(10.5225, 11.9764,
11.4299)**

Conversions

Conversions Part 1

Format	Color
Hex	59645A
RGB	89, 100, 90
RGB Percent	35%, 39%, 35%
CMY	0.6510, 0.6078, 0.6471
CMYK	0.11, 0.00, 0.10, 0.61
HSL	125°, 6%, 37%
HSV	125°, 11%, 39%
XYZ	10.5225, 11.9764, 11.4299
YIQ	95.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

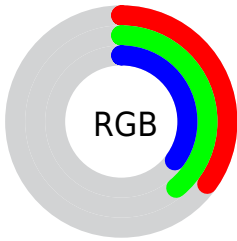
Format	Color
R_{YB}	89, 99, 100
Decimal	5858394
CIE _{Lab}	41.18, -6.38, 4.24
CIE _{LCh}	41, 7.655, 146.388
Yxy	11.9764, 0.3101, 0.3530
Android (android.graphics.Color)	4284048474 (0xFF59645A)
YUV	95.5710, -2.7465, -5.7628
Hunter-Lab	34.6069, -6.2879, 4.6427

Details

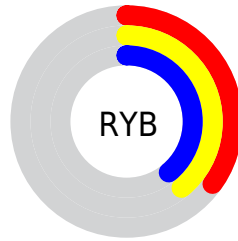
The XYZ color **10.5225, 11.9764, 11.4299** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0805, 10.7553, 13.2971**, and the grayscale version is **11.0217, 11.5957, 12.6278**.

A 20% lighter version of the original color is **26.4477, 29.5156, 29.1141**, and **2.7240, 3.2416, 2.8650** is the 20% darker color. If you saturate the color by 10%, you get **9.2637, 11.3698, 9.4730**, and if you desaturate by 10%, it is **11.9597, 12.6702, 13.6428**.

Distribution



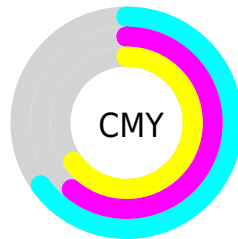
- Red (35%)
- Green (39%)
- Blue (35%)



- Red (35%)
- Yellow (39%)
- Blue (39%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (61%)



- Cyan (65%)
- Magenta (61%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5225, 11.9764, 11.4299 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 10.5225, 11.9764, 11.4299 by changing the saturation by 10% instead.

■ 10.5225, 11.9764,
11.4299

■ 10.5225, 11.9764,
11.4299

188.3384,
204.2490, 211.4358

■ 5.8117, 6.7276,
6.2390

■ 26.4146, 29.4521,
29.1011

■ 2.7705, 3.2923,
2.9198

■ 38.3265, 42.4478,
42.4185

■ 1.0336, 1.2862,
1.0538

■ 53.3696, 58.7946,
59.2818

■ 0.0000, 0.1305,
0.0000

■ 71.9091, 78.8770,
80.1096

■ 0.0000, 0.0000,
0.0000

■ 94.3103, 103.0791,
105.3203

120.9387,

131.7856, 135.3326

152.1596,
165.3808, 170.5649

■ 10.5225, 11.9764,
11.4299

■ 10.5225, 11.9764,
11.4299

■ 9.2637, 11.3698,
9.4730

■ 11.9597, 12.6702,
13.6428

■ 8.1754, 10.8455,
7.7622

■ 13.5809, 13.4528,
16.1196

■ 7.2506, 10.4004,
6.2878

■ 15.3925, 14.3277,
18.8690

■ 6.4813, 10.0307,
5.0396

■ 17.4007, 15.2980,
21.8989

■ 5.8590, 9.7321,
4.0063

■ 19.6109, 16.3662,
25.2169

■ 5.3742, 9.5001,
3.1758

■ 22.0286, 17.5351,
28.8305

■ 5.0164, 9.3294,
2.5348

■ 24.6591, 18.8072,
32.7465

■ 4.7733, 9.2142,
2.0683

■ 27.5073, 20.1850,
36.9720

■ 4.6072, 9.1347,
1.7812

■ 30.5783, 21.6708,
41.5134

Harmonies

Analogous

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



10.9183, 11.9764, 10.5039



10.5225, 11.9764, 11.4299



10.3571, 11.9764, 12.8498

Triad

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



10.5225, 11.9764, 11.4299



11.3165, 11.9764, 16.3130



12.3601, 11.9764, 11.7362

Complementary

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



10.5225, 11.9764, 11.4299



11.0805, 10.7553, 13.2971

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.



12.4750, 11.9764, 13.2326



10.5225, 11.9764, 11.4299



11.8612, 11.9764, 15.9552

Square

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



10.5225, 11.9764, 11.4299



10.8061, 11.9764, 15.7373



12.2896, 11.9764, 14.7952



11.9805, 11.9764, 10.6705

Rectangle

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



10.5225, 11.9764, 11.4299



10.3956, 11.9764, 13.9163



12.2896, 11.9764, 14.7952



12.4314, 11.9764, 12.2018

Sweetspot

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



10.5228, 11.9769, 11.4302



20.4138, 21.9449, 23.0691



11.5156, 12.4936, 11.2560



4.9796, 5.3787, 5.6097



51.1593, 53.8236, 58.6138



5.2251, 5.4972, 5.9864

Same Dimension

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



10.5228, 11.9769, 11.4302



17.8939, 20.7292, 19.1812



10.7620, 12.0726, 12.6895



2.8064, 3.1463, 3.0819



6.1594, 12.2274, 2.3349



31.9715, 63.7111, 11.3719

Inverse Universe

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



11.0805, 10.7553, 13.2971



19.0650, 18.1642, 23.1011



10.8301, 10.6551, 11.9781



2.9257, 2.8849, 3.4813



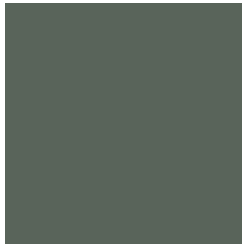
9.5526, 4.6340, 13.5744



49.6541, 24.1016, 69.9130

Previews

White Background



This preview shows how the XYZ color 10.5225, 11.9764, 11.4299 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 10.5225, 11.9764, 11.4299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

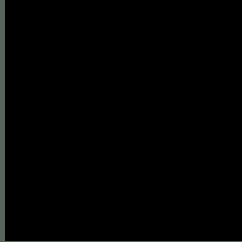
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5225, 11.9764, 11.4299

Background



This preview shows how black text looks on a background with the XYZ color 10.5225, 11.9764, 11.4299.



This preview shows how white text looks on a background with the XYZ color 10.5225, 11.9764,

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

10.5225, 11.9764, 11.4299

Protanopia

11.4030, 12.0207, 10.9517

Deuteranopia

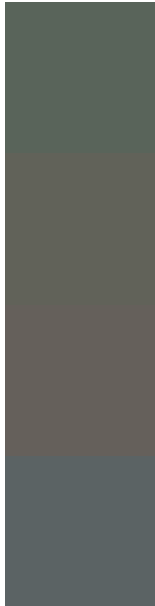
12.0754, 11.9489, 11.5675



Tritanopia

11.3828, 12.0513, 15.3619

Trichromacy



Original Color

10.5225, 11.9764, 11.4299

Protanomaly

11.1006, 11.9980, 11.1820

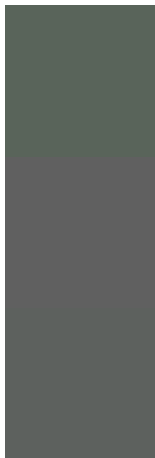
Deuteranomaly

11.4380, 11.8878, 11.5893

Tritanomaly

11.0765, 12.0679, 13.8021

Monochromacy



Original Color

10.5225, 11.9764, 11.4299

Achromatopsia

11.1181, 11.6971, 12.7381

Achromatomaly

10.8093, 11.6847, 12.2753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5225, 11.9764, 11.4299 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(89, 100, 90)` looks like.

```
.text, #text, p{  
    color:rgb(89, 100, 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(89, 100, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 100, 90) }
```

Border

The CSS property to change the border of an element to XYZ 10.5225, 11.9764, 11.4299 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(89, 100, 90) }
```


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

```
.border{ border-color:rgb(89, 100, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 100, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 100, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 100, 90);  
box-shadow:4px 4px 4px 4px rgb(89, 100,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5225, 11.9764, 11.4299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 100, 90) }
```

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

```
.background{ background-color: rgb(89, 100,  
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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