

Converting Colors

XYZ(11.9135, 12.0479, 10.4898)

Have a look what the booklet for
XYZ(11.9135, 12.0479, 10.4898)
contains.

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Color

**XYZ(11.9563, 12.0444,
10.4987)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5F56
RGB	108, 95, 86
RGB Percent	42%, 37%, 34%
CMY	0.5765, 0.6274, 0.6627
CMYK	0.00, 0.12, 0.20, 0.58
HSL	25°, 11%, 38%
HSV	25°, 20%, 42%
XYZ	11.9563, 12.0444, 10.4987
YIQ	97.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

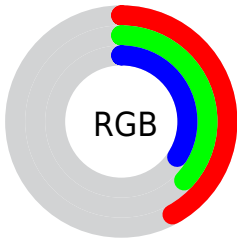
Format	Color
R_{YB}	108, 101, 86
Decimal	7102294
CIE Lab	41.29, 3.60, 7.06
CIE LCh	41, 7.925, 62.960
Yxy	12.0444, 0.3466, 0.3491
Android (android.graphics.Color)	4285292374 (0xFF6C5F56)
YUV	97.8610, -5.8475, 8.8919
Hunter-Lab	34.7050, 0.7615, 6.3576

Details

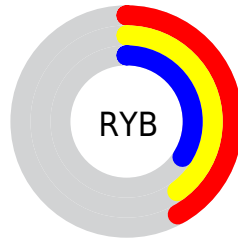
The XYZ color **11.9563, 12.0444, 10.4987** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.0064, 11.9847, 15.9208**, and the grayscale version is **11.5874, 12.1908, 13.2758**.

A 20% lighter version of the original color is **29.0665, 29.5020, 27.4550**, and **3.3620, 3.3174, 2.5609** is the 20% darker color. If you saturate the color by 10%, you get **11.0023, 10.7808, 8.1937**, and if you desaturate by 10%, it is **13.0239, 13.4296, 13.1663**.

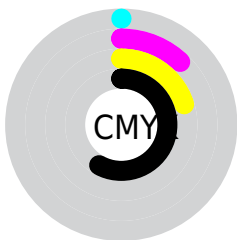
Distribution



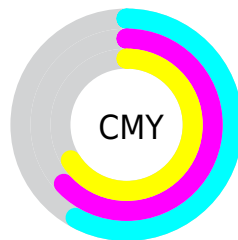
- Red (42%)
- Green (37%)
- Blue (34%)



- Red (42%)
- Yellow (40%)
- Blue (34%)



- Cyan (0%)
- Magenta (12%)
- Yellow (20%)
- Black (58%)



- Cyan (58%)
- Magenta (63%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9563, 12.0444, 10.4987 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 11.9563, 12.0444, 10.4987 by changing the saturation by 10% instead.

■ 11.9563, 12.0444,
10.4987

■ 11.9563, 12.0444,
10.4987

197.8916,
204.6990, 204.8077

■ 6.7859, 6.7739,
5.6209

■ 29.0330, 29.5759,
27.3517

■ 3.3737, 3.3211,
2.5510

■ 41.6701, 42.6058,
40.1640

■ 1.3543, 1.3016,
0.8670

■ 57.5268, 58.9909,
56.4583

■ 0.2233, 0.1424,
0.0000

■ 76.9684, 79.1157,
76.6531

■ 0.0000, 0.0000,
0.0000

■ 100.3603,
103.3645, 101.1668

128.0679,

132.1217, 130.4182

160.4566,
165.7717, 164.8256

■ 11.9563, 12.0444,
10.4987

■ 11.9563, 12.0444,
10.4987

■ 11.0023, 10.7808,
8.1937

■ 13.0239, 13.4296,
13.1663

■ 10.1567, 9.6338,
6.2346

■ 14.2078, 14.9380,
16.2107

■ 9.4157, 8.6003,
4.6048

■ 15.5121, 16.5733,
19.6461

■ 8.7745, 7.6764,
3.2856

■ 16.9403, 18.3386,
23.4859

■ 8.2280, 6.8582,
2.2566

■ 18.4957, 20.2367,
27.7426

■ 7.7708, 6.1413,
1.4951

■ 20.1814, 22.2704,
32.4285

■ 7.3964, 5.5209,
0.9745

■ 22.0006, 24.4426,
37.5553

■ 7.0922, 5.0037,
0.5920

■ 23.9563, 26.7558,
43.1339

■ 26.0513, 29.2126,
49.1754

Harmonies

Analogous

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



12.3978, 12.0444, 11.4707



11.9563, 12.0444, 10.4987



11.3910, 12.0444, 10.2075

Triad

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



11.9563, 12.0444, 10.4987



10.3819, 12.0444, 13.2780



12.0581, 12.0444, 15.9454

Complementary

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



11.9563, 12.0444, 10.4987



11.0064, 11.9847, 15.9208

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.



11.5049, 12.0444, 16.5263



11.9563, 12.0444, 10.4987



10.5477, 12.0444, 14.9079

Square

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



11.9563, 12.0444, 10.4987



10.4939, 12.0444, 11.7309



10.9540, 12.0444, 16.1318



12.4580, 12.0444, 14.6024

Rectangle

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



11.9563, 12.0444, 10.4987



11.0232, 12.0444, 10.4170



10.9540, 12.0444, 16.1318



11.8832, 12.0444, 16.2411

Sweetspot

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



11.9566, 12.0449, 10.4990



23.7138, 24.6643, 25.2815



11.7741, 10.7486, 13.3089



5.7175, 5.9414, 6.0621



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.



11.9566, 12.0449, 10.4990



20.2498, 20.1704, 16.6231



12.9978, 14.1272, 10.8460



3.1920, 3.3012, 3.2864



8.4332, 5.9162, 0.6975



42.1592, 28.5221, 3.2833

Inverse Universe

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



11.0064, 11.9847, 15.9208



18.2884, 20.0454, 27.8130



10.0509, 10.0736, 15.6023



3.0830, 3.2944, 3.9083



5.3755, 5.5853, 17.7170



26.5210, 26.7205, 89.9860

Previews

White Background



This preview shows how the XYZ color 11.9563, 12.0444, 10.4987 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 11.9563, 12.0444, 10.4987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

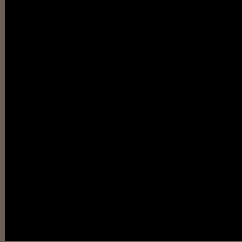
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 11.9563, 12.0444, 10.4987

Background



This preview shows how black text looks on a background with the XYZ color 11.9563, 12.0444, 10.4987.

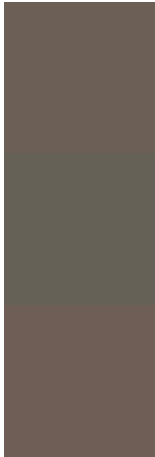


This preview shows how white text looks on a background with the XYZ color 11.9563, 12.0444,

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

11.9563, 12.0444, 10.4987

Protanopia

11.4745, 12.0623, 10.7403

Deuteranopia

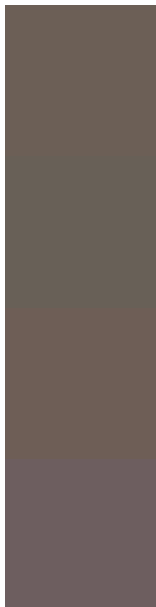
12.2380, 12.0568, 10.4863



Tritanopia

12.6450, 12.0638, 13.7187

Trichromacy



Original Color

11.9563, 12.0444, 10.4987

Protanomaly

11.6121, 11.9969, 10.7204

Deuteranomaly

12.1128, 11.9923, 10.4804

Tritanomaly

12.3749, 12.0828, 12.5065

Monochromacy



Original Color

11.9563, 12.0444, 10.4987

Achromatopsia

11.6093, 12.2139, 13.3009

Achromatomaly

11.7746, 12.1823, 12.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9563, 12.0444, 10.4987 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(108, 95, 86)` looks like.

```
.text, #text, p{  
    color:rgb(108, 95, 86)  
}
```

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(108, 95, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 95, 86) }
```

Border

The CSS property to change the border of an element to XYZ 11.9563, 12.0444, 10.4987 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(108, 95, 86) }
```


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

```
.border{ border-color:rgb(108, 95, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 95, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 95, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 95, 86);  
box-shadow:4px 4px 4px 4px rgb(108, 95,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9563, 12.0444, 10.4987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 95, 86) }
```

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

```
.background{ background-color: rgb(108, 95,  
86) }
```

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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