

Converting Colors

XYZ(11.8620, 13.1945, 12.4844)

Have a look what the booklet for
XYZ(11.8620, 13.1945, 12.4844)
contains.

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Color

**XYZ(11.9005, 13.2502,
12.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	61685E
RGB	97, 104, 94
RGB Percent	38%, 41%, 37%
CMY	0.6196, 0.5921, 0.6314
CMYK	0.07, 0.00, 0.10, 0.59
HSL	102°, 5%, 39%
HSV	102°, 10%, 41%
XYZ	11.9005, 13.2502, 12.5200
YIQ	100.7670, -0.9620, -4.5940

Conversions

Conversions Part 2

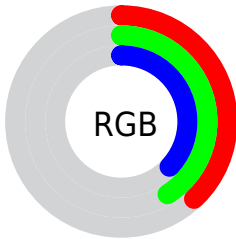
Format	Color
R_{YB}	94, 104, 101
Decimal	6383710
CIE _{Lab}	43.14, -4.77, 4.71
CIE _{LCh}	43, 6.699, 135.363
Yxy	13.2502, 0.3159, 0.3517
Android (android.graphics.Color)	4284573790 (0xFF61685E)
YUV	100.7670, -3.3361, -3.3037
Hunter-Lab	36.4008, -5.3445, 5.0879

Details

The XYZ color **11.9005, 13.2502, 12.5200** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8687, 11.7719, 14.7441**, and the grayscale version is **12.3184, 12.9599, 14.1134**.

A 20% lighter version of the original color is **28.9681, 31.7522, 30.9876**, and **3.3619, 3.8435, 3.3610** is the 20% darker color. If you saturate the color by 10%, you get **10.7245, 12.6947, 10.1908**, and if you desaturate by 10%, it is **13.2114, 13.8688, 15.1844**.

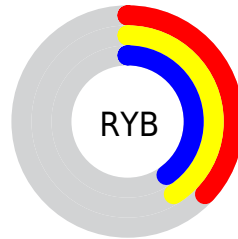
Distribution



Red (38%)

Green (41%)

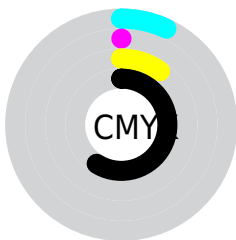
Blue (37%)



Red (37%)

Yellow (41%)

Blue (40%)

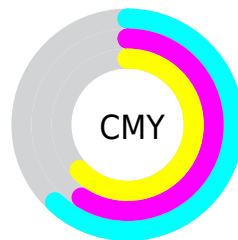


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (59%)



Cyan (62%)

Magenta (59%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.9005, 13.2502, 12.5200 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 11.9005, 13.2502, 12.5200 by changing the saturation by 10% instead.

■ 11.9005, 13.2502,
12.5200

■ 11.9005, 13.2502,
12.5200

197.5289,
212.5150, 218.9168

■ 6.7477, 7.6011,
6.9720

■ 28.9322, 31.7526,
31.1171

■ 3.3497, 3.8408,
3.3664

■ 41.5418, 45.3746,
45.0034

■ 1.3413, 1.5849,
1.2846

■ 57.3676, 62.4230,
62.5062

■ 0.2138, 0.3474,
0.0492

■ 76.7752, 83.2822,
84.0440

■ 0.0000, 0.0000,
0.0000

100.1297,
108.3366, 110.0355

127.7966,

137.9706, 140.8990

160.1412,
172.5686, 177.0533

■ 11.9005, 13.2502,
12.5200

■ 11.9005, 13.2502,
12.5200

■ 10.7245, 12.6947,
10.1908

■ 13.2114, 13.8688,
15.1844

■ 9.6779, 12.1985,
8.1827

■ 14.6602, 14.5505,
18.1957

■ 8.7563, 11.7601,
6.4818

■ 16.2514, 15.2978,
21.5659

■ 7.9549, 11.3773,
5.0730

■ 17.9887, 16.1125,
25.3064

■ 7.2683, 11.0477,
3.9398

■ 19.8759, 16.9961,
29.4280

■ 6.6908, 10.7688,
3.0641

■ 21.9165, 17.9503,
33.9411

■ 6.2161, 10.5377,
2.4255

■ 24.1139, 18.9766,
38.8556

■ 5.8373, 10.3514,
2.0009

■ 26.4716, 20.0766,
44.1811

■ 5.5322, 10.2008,
1.6888

■ 28.9926, 21.2516,
49.9269

Harmonies

Analogous

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



12.3327, 13.2502, 11.8552



11.9005, 13.2502, 12.5200



11.6574, 13.2502, 13.7205

Triad

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



11.9005, 13.2502, 12.5200



12.3447, 13.2502, 17.3572



13.5758, 13.2502, 13.6869

Complementary

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



11.9005, 13.2502, 12.5200



11.8687, 11.7719, 14.7441

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.



13.5793, 13.2502, 15.1578



11.9005, 13.2502, 12.5200



12.8588, 13.2502, 17.3467

Square

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



11.9005, 13.2502, 12.5200



11.9091, 13.2502, 16.5468



13.3138, 13.2502, 16.5189



13.3045, 13.2502, 12.4968

Rectangle

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



11.9005, 13.2502, 12.5200



11.6310, 13.2502, 14.6946



13.3138, 13.2502, 16.5189



13.6086, 13.2502, 14.1631

Sweetspot

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



11.9009, 13.2508, 12.5203



22.3527, 23.9418, 24.9498



12.3835, 13.0592, 12.4579



5.4145, 5.8228, 6.0077



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.



11.9009, 13.2508, 12.5203



20.2934, 22.9701, 20.7954



11.6781, 13.1254, 12.9846



2.8672, 3.1787, 3.0369



6.7759, 12.5518, 2.0656



34.5488, 65.0565, 10.7363

Inverse Universe

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



11.8687, 11.7719, 14.7441



20.2222, 19.6994, 25.7136



12.1104, 11.9081, 14.2312



2.8601, 2.8499, 3.5313



6.4164, 2.9520, 16.3759



32.5529, 14.9259, 85.3667

Previews

White Background



This preview shows how the XYZ color 11.9005, 13.2502, 12.5200 looks on a white background.

Color Contrast Check

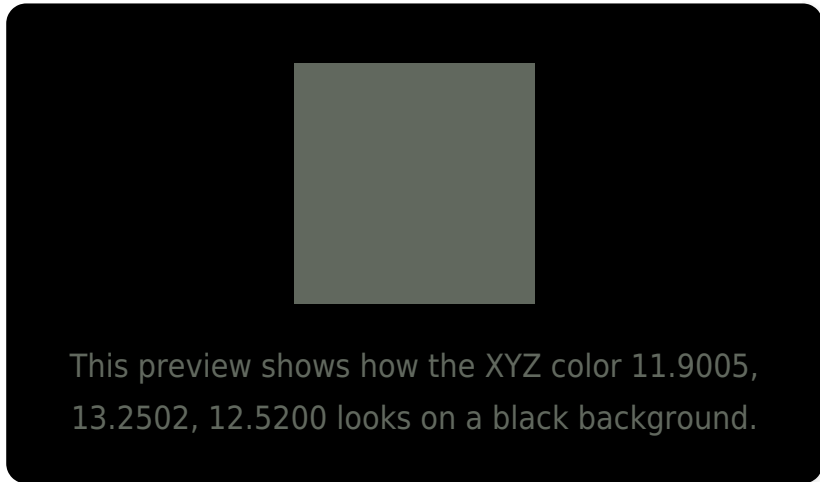
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

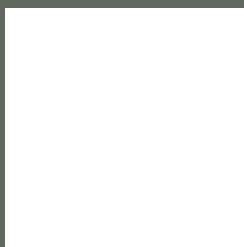
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.9005, 13.2502, 12.5200

Background



This preview shows how black text looks on a background with the XYZ color 11.9005, 13.2502, 12.5200.



This preview shows how white text looks on a background with the XYZ color 11.9005, 13.2502,

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

11.9005, 13.2502, 12.5200

Protanopia

12.5733, 13.1618, 12.2337

Deuteranopia

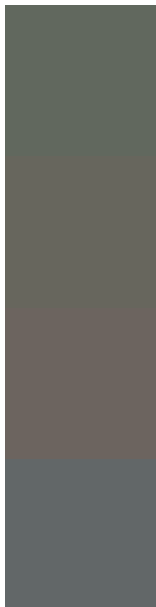
13.3727, 13.1390, 12.6577



Tritanopia

12.7114, 13.2812, 16.6454

Trichromacy



Original Color

11.9005, 13.2502, 12.5200

Protanomaly

12.3207, 13.1766, 12.2499

Deuteranomaly

12.8071, 13.1287, 12.6856

Tritanomaly

12.3859, 13.2966, 15.0104

Monochromacy



Original Color

11.9005, 13.2502, 12.5200

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.2115, 13.0939, 13.4390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.9005, 13.2502, 12.5200 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(97, 104, 94) looks like.

```
.text, #text, p{  
    color:rgb(97, 104, 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(97, 104, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 104, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.9005, 13.2502, 12.5200 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(97, 104, 94) }
```


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

```
.border{ border-color:rgb(97, 104, 94) }
```

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

Here you see how a box with a 4 pixel rgb(97, 104, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 104, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 104, 94);  
box-shadow:4px 4px 4px 4px rgb(97, 104,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 11.9005, 13.2502, 12.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 104, 94) }
```

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

```
.background{ background-color: rgb(97, 104,  
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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