

Converting Colors

XYZ(11.4671, 13.0934, 11.7112)

Have a look what the booklet for
XYZ(11.4671, 13.0934, 11.7112)
contains.

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Color

**XYZ(11.4547, 13.0356,
11.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	5E685B
RGB	94, 104, 91
RGB Percent	37%, 41%, 36%
CMY	0.6314, 0.5921, 0.6431
CMYK	0.10, 0.00, 0.13, 0.59
HSL	106°, 7%, 38%
HSV	106°, 13%, 41%
XYZ	11.4547, 13.0356, 11.8099
YIQ	99.5280, -1.7870, -6.1630

Conversions

Conversions Part 2

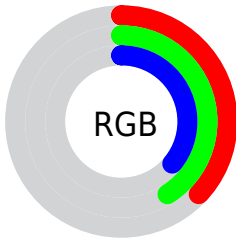
Format	Color
R_{YB}	91, 104, 101
Decimal	6187099
CIE _{Lab}	42.82, -6.55, 6.03
CIE _{LCh}	43, 8.899, 137.361
Yxy	13.0356, 0.3156, 0.3591
Android (android.graphics.Color)	4284377179 (0xFF5E685B)
YUV	99.5280, -4.2043, -4.8481
Hunter-Lab	36.1048, -6.5522, 5.8796

Details

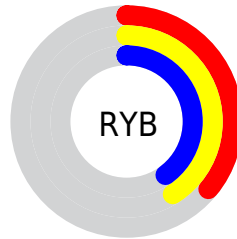
The XYZ color **11.4547, 13.0356, 11.8099** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.6071, 11.2487, 14.6568**, and the grayscale version is **12.0040, 12.6292, 13.7532**.

A 20% lighter version of the original color is **28.0307, 31.2951, 29.7625**, and **3.1557, 3.7441, 3.0390** is the 20% darker color. If you saturate the color by 10%, you get **10.2585, 12.4676, 9.5721**, and if you desaturate by 10%, it is **12.7988, 13.6734, 14.3798**.

Distribution



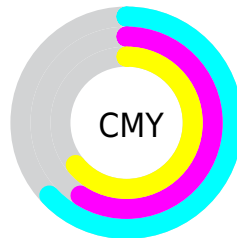
- Red (37%)
- Green (41%)
- Blue (36%)



- Red (36%)
- Yellow (41%)
- Blue (40%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (59%)



- Cyan (63%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4547, 13.0356, 11.8099 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 11.4547, 13.0356, 11.8099 by changing the saturation by 10% instead.

■ 11.4547, 13.0356,
11.8099

■ 11.4547, 13.0356,
11.8099

194.6056,
211.1457, 214.0757

■ 6.4431, 7.4531,
6.4934

■ 28.1235, 31.3677,
29.8076

■ 3.1595, 3.7470,
3.0738

■ 40.5115, 44.8861,
43.3259

■ 1.2387, 1.5331,
1.1324

■ 56.0889, 61.8186,
60.4152

■ 0.1366, 0.3118,
0.0000

■ 75.2211, 82.5495,
81.4940

■ 0.0000, 0.0000,
0.0000

98.2736, 107.4633,
106.9810

125.6116,

136.9443, 137.2945

157.6004,
171.3770, 172.8533

■ 11.4547, 13.0356,
11.8099

■ 11.4547, 13.0356,
11.8099

■ 10.2585, 12.4676,
9.5721

■ 12.7988, 13.6734,
14.3798

■ 9.2042, 11.9655,
7.6520

■ 14.2948, 14.3817,
17.2938

■ 8.2866, 11.5273,
6.0355

■ 15.9475, 15.1630,
20.5641

■ 7.4999, 11.1503,
4.7071

■ 17.7614, 16.0194,
24.2022

■ 6.8379, 10.8318,
3.6498

■ 19.7408, 16.9530,
28.2192

■ 6.2939, 10.5686,
2.8448

■ 21.8897, 17.9655,
32.6254

■ 5.8605, 10.3574,
2.2711

■ 24.2122, 19.0589,
37.4311

■ 5.5285, 10.1941,
1.9002

■ 26.7121, 20.2347,
42.6459

■ 5.3271, 10.0952,
1.6678

■ 29.3930, 21.4949,
48.2792

Harmonies

Analogous

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



12.0047, 13.0356, 10.9175



11.4547, 13.0356, 11.8099



11.1599, 13.0356, 13.3916

Triad

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



11.4547, 13.0356, 11.8099



12.1067, 13.0356, 18.1608



13.6774, 13.0356, 13.1075

Complementary

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



11.4547, 13.0356, 11.8099



11.6071, 11.2487, 14.6568

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.



13.7072, 13.0356, 15.0270



11.4547, 13.0356, 11.8099



12.7834, 13.0356, 18.0671

Square

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



11.4547, 13.0356, 11.8099



11.5270, 13.0356, 17.1237



13.3748, 13.0356, 16.8781



13.2949, 13.0356, 11.6183

Rectangle

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



11.4547, 13.0356, 11.8099



11.1405, 13.0356, 14.6777



13.3748, 13.0356, 16.8781



13.7295, 13.0356, 13.7202

Sweetspot

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



11.4551, 13.0362, 11.8102



22.0557, 23.7993, 24.4604



12.2482, 12.9998, 11.7614



5.3453, 5.7895, 5.8989



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.



11.4551, 13.0362, 11.8102



19.4565, 22.5661, 19.5130



11.3065, 12.9419, 12.6022



2.8508, 3.1703, 3.0361



6.5405, 12.4304, 2.0546



33.4514, 64.4908, 10.6849

Inverse Universe

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



11.6071, 11.2487, 14.6568



19.7791, 18.7703, 25.5576



11.7766, 11.3560, 13.7641



2.8773, 2.8588, 3.5321



7.1307, 3.3202, 16.4094



36.4015, 16.9099, 85.5468

Previews

White Background



This preview shows how the XYZ color 11.4547, 13.0356, 11.8099 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 11.4547, 13.0356, 11.8099 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

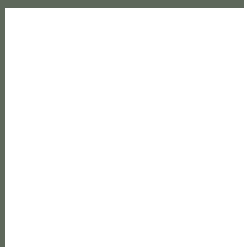
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4547, 13.0356, 11.8099

Background



This preview shows how black text looks on a background with the XYZ color 11.4547, 13.0356, 11.8099.



This preview shows how white text looks on a background with the XYZ color 11.4547, 13.0356,

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

11.4547, 13.0356, 11.8099

Protanopia

12.2826, 13.0319, 11.3192

Deuteranopia

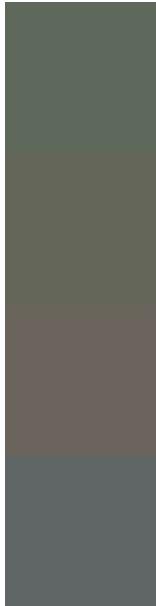
13.1459, 12.8995, 11.9222



Tritanopia

12.3438, 12.9529, 16.3176

Trichromacy



Original Color

11.4547, 13.0356, 11.8099

Protanomaly

11.9637, 13.0076, 11.5530

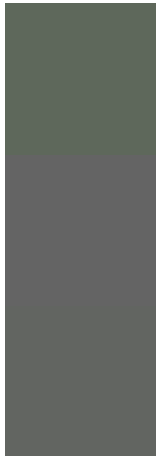
Deuteranomaly

12.5523, 13.0128, 11.9754

Tritanomaly

11.9735, 12.9488, 14.4387

Monochromacy



Original Color

11.4547, 13.0356, 11.8099

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8484, 12.7671, 13.1491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4547, 13.0356, 11.8099 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(94, 104, 91) looks like.

```
.text, #text, p{  
    color:rgb(94, 104, 91)  
}
```

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(94, 104, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 104, 91) }
```

Border

The CSS property to change the border of an element to XYZ 11.4547, 13.0356, 11.8099 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(94, 104, 91) }
```


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

```
.border{ border-color:rgb(94, 104, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 104, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 104, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 104, 91);  
box-shadow:4px 4px 4px 4px rgb(94, 104,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4547, 13.0356, 11.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 104, 91) }
```

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

```
.background{ background-color: rgb(94, 104,  
91) }
```

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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