

Converting Colors

XYZ(11.4650, 13.4941, 12.7597)

Have a look what the booklet for
XYZ(11.4650, 13.4941, 12.7597)
contains.

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Color

**XYZ(11.4431, 13.4655,
12.8225)**

Conversions

Conversions Part 1

Format	Color
Hex	596B5F
RGB	89, 107, 95
RGB Percent	35%, 42%, 37%
CMY	0.6510, 0.5804, 0.6274
CMYK	0.17, 0.00, 0.11, 0.58
HSL	140°, 9%, 38%
HSV	140°, 17%, 42%
XYZ	11.4431, 13.4655, 12.8225
YIQ	100.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

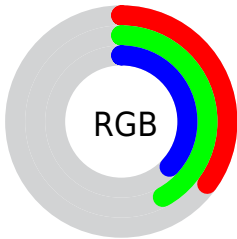
Format	Color
R_{YB}	89, 103, 107
Decimal	5860191
CIE Lab	43.46, -9.39, 4.48
CIE LCh	43, 10.401, 154.491
Yxy	13.4655, 0.3033, 0.3569
Android (android.graphics.Color)	4284050271 (0xFF596B5F)
YUV	100.2500, -2.5882, -9.8663
Hunter-Lab	36.6954, -8.5534, 4.9690

Details

The XYZ color **11.4431, 13.4655, 12.8225** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9852, 11.2105, 13.8447**, and the grayscale version is **12.1849, 12.8195, 13.9604**.

A 20% lighter version of the original color is **27.9852, 31.9870, 31.4872**, and **3.1665, 3.9671, 3.5046** is the 20% darker color. If you saturate the color by 10%, you get **10.1805, 12.8507, 11.1476**, and if you desaturate by 10%, it is **12.8855, 14.1702, 14.6614**.

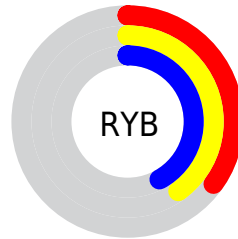
Distribution



Red (35%)

Green (42%)

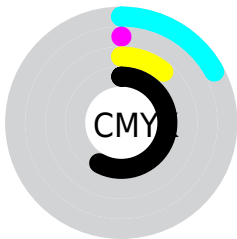
Blue (37%)



Red (35%)

Yellow (40%)

Blue (42%)

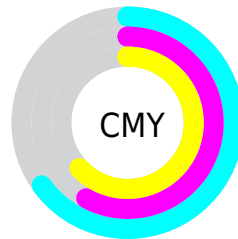


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (58%)



Cyan (65%)

Magenta (58%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.4431, 13.4655, 12.8225 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 11.4431, 13.4655, 12.8225 by changing the saturation by 10% instead.

■ 11.4431, 13.4655,
12.8225

■ 11.4431, 13.4655,
12.8225

194.5289,
213.8798, 220.9447

■ 6.4352, 7.7499,
7.1771

■ 28.1024, 32.1376,
31.6710

■ 3.1546, 3.9353,
3.4930

■ 40.4845, 45.8628,
45.7113

■ 1.2360, 1.6374,
1.3516

■ 56.0554, 63.0267,
63.3869

■ 0.1345, 0.3826,
0.1035

■ 75.1804, 84.0136,
85.1165

■ 0.0000, 0.0000,
0.0000

■ 98.2249, 109.2080,
111.3185

125.5543,

138.9943, 142.4115

157.5338,
173.7567, 178.8140

■ 11.4431, 13.4655,
12.8225

■ 11.4431, 13.4655,
12.8225

■ 10.1805, 12.8507,
11.1476

■ 12.8855, 14.1702,
14.6614

■ 9.0893, 12.3207,
9.6314

■ 14.5132, 14.9667,
16.6678

■ 8.1622, 11.8719,
8.2694

■ 16.3332, 15.8586,
18.8461

■ 7.3909, 11.5003,
7.0569

■ 18.3515, 16.8490,
21.2002

■ 6.7662, 11.2013,
5.9885

■ 20.5740, 17.9410,
23.7341

■ 6.2783, 10.9698,
5.0588

■ 23.0063, 19.1372,
26.4514

■ 5.9155, 10.8001,
4.2620

■ 25.6537, 20.4405,
29.3559

■ 5.6493, 10.6774,
3.5911

■ 28.5214, 21.8533,
32.4510

■ 5.5713, 10.6413,
3.4027

■ 31.6145, 23.3783,
35.7401

Harmonies

Analogous

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



11.9363, 13.4655, 11.2824



11.4431, 13.4655, 12.8225



11.3071, 13.4655, 15.0138

Triad

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



11.4431, 13.4655, 12.8225



12.9209, 13.4655, 19.5758



14.1263, 13.4655, 12.2770

Complementary

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



11.4431, 13.4655, 12.8225



11.9852, 11.2105, 13.8447

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.



14.4157, 13.4655, 14.3150



11.4431, 13.4655, 12.8225



13.7014, 13.4655, 18.6560

Square

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



11.4431, 13.4655, 12.8225



12.1391, 13.4655, 19.0693



14.2570, 13.4655, 16.6687



13.4814, 13.4655, 10.9915

Rectangle

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



11.4431, 13.4655, 12.8225



11.4322, 13.4655, 16.5905



14.2570, 13.4655, 16.6687



14.2696, 13.4655, 12.8884

Sweetspot

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



11.4435, 13.4661, 12.8228



23.5388, 25.6007, 26.8353



12.4619, 14.0214, 11.5009



5.6615, 6.1789, 6.4505



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.



11.4435, 13.4661, 12.8228



19.6072, 23.6812, 21.8039



11.8615, 13.6333, 15.0239



3.1018, 3.4599, 3.5197



6.7641, 12.9397, 4.0691



34.0996, 65.7869, 18.8031

Inverse Universe

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



11.9852, 11.2105, 13.8447



20.7637, 18.8657, 23.9845



11.5811, 11.0488, 11.7166



3.1768, 3.1476, 3.6613



8.7589, 4.3557, 7.6249



44.2156, 22.0282, 36.6679

Previews

White Background



This preview shows how the XYZ color 11.4431, 13.4655, 12.8225 looks on a white background.

Color Contrast Check

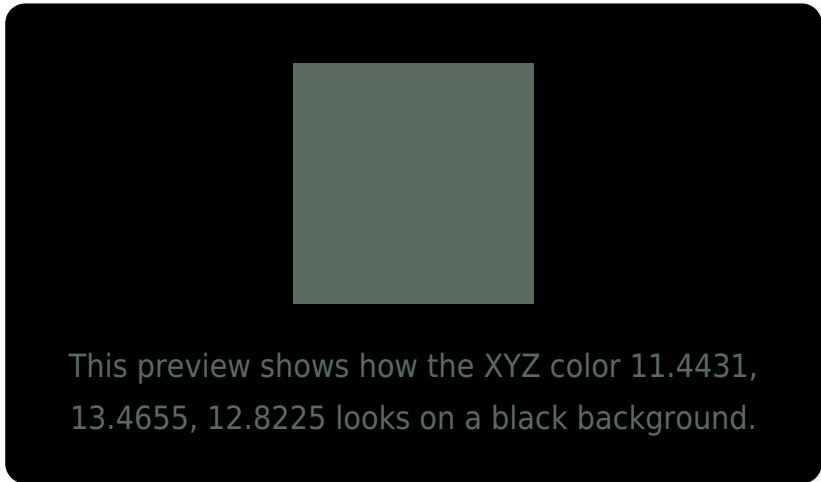
Large Text (above 18pt) WCAG AA ✓ Pass

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

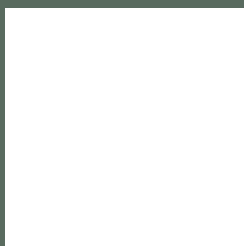
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.4431, 13.4655, 12.8225

Background



This preview shows how black text looks on a background with the XYZ color 11.4431, 13.4655, 12.8225.

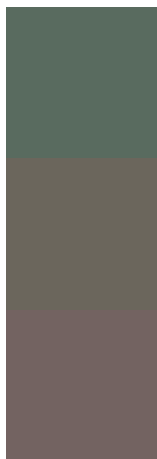


This preview shows how white text looks on a background with the XYZ color 11.4431, 13.4655,

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

11.4431, 13.4655, 12.8225

Protanopia

12.7465, 13.4012, 12.0401

Deuteranopia

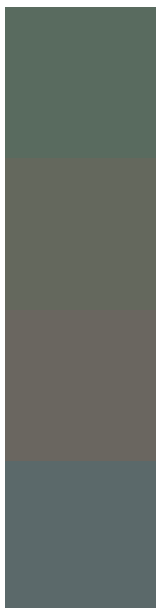
13.6897, 13.4316, 13.1803



Tritanopia

12.3446, 13.3682, 17.5525

Trichromacy



Original Color

11.4431, 13.4655, 12.8225

Protanomaly

12.1816, 13.4003, 12.3004

Deuteranomaly

12.8065, 13.4114, 12.9800

Tritanomaly

11.9675, 13.3679, 15.5852

Monochromacy



Original Color

11.4431, 13.4655, 12.8225

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.8787, 13.0691, 13.4518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.4431, 13.4655, 12.8225 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, 107, 95)` looks like.

```
.text, #text, p{  
    color:rgb(89, 107, 95)  
}
```

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, 107, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 107, 95) }
```

Border

The CSS property to change the border of an element to XYZ 11.4431, 13.4655, 12.8225 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, 107, 95) }
```


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

```
.border{ border-color:rgb(89, 107, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 107, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 107, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 107, 95);  
box-shadow:4px 4px 4px 4px rgb(89, 107,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 11.4431, 13.4655, 12.8225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 107, 95) }
```

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

```
.background{ background-color: rgb(89, 107,  
95) }
```

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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