

Converting Colors

XYZ(11.2942, 13.2401, 12.5500)

Have a look what the booklet for
XYZ(11.2942, 13.2401, 12.5500)
contains.

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Color

**XYZ(11.2942, 13.2401,
12.5500)**

Conversions

Conversions Part 1

Format	Color
Hex	596A5E
RGB	89, 106, 94
RGB Percent	35%, 42%, 37%
CMY	0.6510, 0.5843, 0.6314
CMYK	0.16, 0.00, 0.11, 0.58
HSL	138°, 9%, 38%
HSV	138°, 16%, 42%
XYZ	11.2942, 13.2401, 12.5500
YIQ	99.5490, -6.2800, -7.3360

Conversions

Conversions Part 2

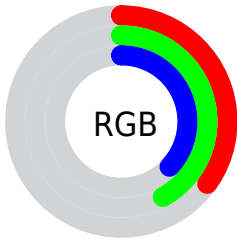
Format	Color
R_{YB}	89, 102, 106
Decimal	5859934
CIE _{Lab}	43.12, -9.02, 4.60
CIE _{LCh}	43, 10.131, 152.974
Yxy	13.2401, 0.3046, 0.3570
Android (android.graphics.Color)	4284050014 (0xFF596A5E)
YUV	99.5490, -2.7357, -9.2515
Hunter-Lab	36.3869, -8.2723, 5.0215

Details

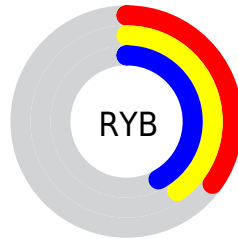
The XYZ color **11.2942, 13.2401, 12.5500** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.8656, 11.1487, 13.8389**, and the grayscale version is **12.0066, 12.6319, 13.7561**.

A 20% lighter version of the original color is **27.7385, 31.6165, 31.0262**, and **3.0937, 3.8549, 3.3773** is the 20% darker color. If you saturate the color by 10%, you get **10.0297, 12.6256, 10.8223**, and if you desaturate by 10%, it is **12.7385, 13.9443, 14.4566**.

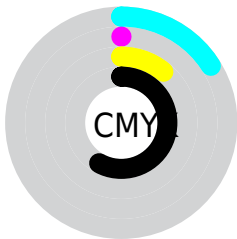
Distribution



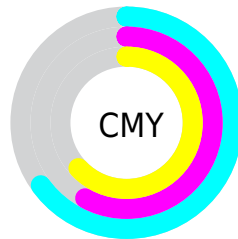
- Red (35%)
- Green (42%)
- Blue (37%)



- Red (35%)
- Yellow (40%)
- Blue (42%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)



- Cyan (65%)
- Magenta (58%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.2942, 13.2401, 12.5500 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 11.2942, 13.2401, 12.5500 by changing the saturation by 10% instead.

■ 11.2942, 13.2401,
12.5500

■ 11.2942, 13.2401,
12.5500

■ 193.5419,
212.4508, 219.1188

■ 6.3338, 7.5941,
6.9924

■ 27.8311, 31.7345,
31.1722

■ 3.0917, 3.8363,
3.3789

■ 40.1383, 45.3516,
45.0738

■ 1.2024, 1.5824,
1.2912

■ 55.6252, 62.3946,
62.5938

■ 0.1083, 0.3457,
0.0546

■ 74.6571, 83.2478,
84.1507

■ 0.0000, 0.0000,
0.0000

■ 97.5993, 108.2956,
110.1632

124.8173,

137.9224, 141.0496

156.6764,
172.5127, 177.2287

■ 11.2942, 13.2401,
12.5500

■ 11.2942, 13.2401,
12.5500

■ 10.0297, 12.6256,
10.8223

■ 12.7385, 13.9443,
14.4566

■ 8.9368, 12.0954,
9.2676

■ 14.3682, 14.7399,
16.5462

■ 8.0082, 11.6464,
7.8807

■ 16.1901, 15.6306,
18.8238

■ 7.2356, 11.2745,
6.6559

■ 18.2104, 16.6195,
21.2940

■ 6.6101, 10.9750,
5.5872

■ 20.4347, 17.7095,
23.9612

■ 6.1217, 10.7431,
4.6684

■ 22.8687, 18.9033,
26.8297

■ 5.7593, 10.5730,
3.8925

■ 25.5178, 20.2036,
29.9035

■ 5.4976, 10.4520,
3.2517

■ 28.3870, 21.6131,
33.1868

■ 5.4040, 10.4085,
3.0328

■ 31.4814, 23.1341,
36.6834

Harmonies

Analogous

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



11.7851, 13.2401, 11.1027



11.2942, 13.2401, 12.5500



11.1443, 13.2401, 14.6403

Triad

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



11.2942, 13.2401, 12.5500



12.6623, 13.2401, 19.1487



13.8858, 13.2401, 12.2012

Complementary

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



11.2942, 13.2401, 12.5500



11.8656, 11.1487, 13.8389

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.



14.1434, 13.2401, 14.1944



11.2942, 13.2401, 12.5500



13.4189, 13.2401, 18.3310

Square

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



11.2942, 13.2401, 12.5500



11.9146, 13.2401, 18.5940



13.9691, 13.2401, 16.4588



13.2787, 13.2401, 10.9164

Rectangle

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



11.2942, 13.2401, 12.5500



11.2525, 13.2401, 16.1597



13.9691, 13.2401, 16.4588



14.0173, 13.2401, 12.8029

Sweetspot

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



11.2946, 13.2407, 12.5503



22.5995, 24.5906, 25.6877



12.3451, 13.8073, 11.4656



5.2617, 5.7446, 5.9756



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.



11.2946, 13.2407, 12.5503



19.0126, 22.8429, 20.9330



11.6883, 13.3981, 14.6235



3.0972, 3.4581, 3.4959



6.6923, 12.9110, 3.6908



33.7616, 65.6518, 17.0236

Inverse Universe

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



11.8656, 11.1487, 13.8389



20.2045, 18.4760, 23.6222



11.4784, 10.9938, 11.7997



3.1815, 3.1495, 3.6861



8.9301, 4.4242, 8.5264



45.1099, 22.3859, 41.3769

Previews

White Background



This preview shows how the XYZ color 11.2942, 13.2401, 12.5500 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 11.2942, 13.2401, 12.5500 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 11.2942, 13.2401, 12.5500

Background



This preview shows how black text looks on a background with the XYZ color 11.2942, 13.2401, 12.5500.

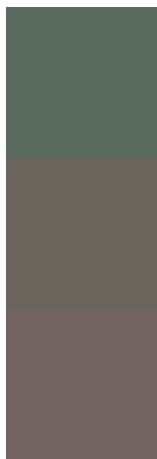


This preview shows how white text looks on a background with the XYZ color 11.2942, 13.2401,

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

11.2942, 13.2401, 12.5500

Protanopia

12.5293, 13.1442, 12.0019

Deuteranopia

13.4184, 13.1573, 12.8987



Tritanopia

12.1885, 13.1457, 17.2242

Trichromacy



Original Color

11.2942, 13.2401, 12.5500

Protanomaly

12.0816, 13.2001, 12.2670

Deuteranomaly

12.5449, 13.1368, 12.7009

Tritanomaly

11.8145, 13.1447, 15.2791

Monochromacy



Original Color

11.2942, 13.2401, 12.5500

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.7798, 12.8714, 13.4188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.2942, 13.2401, 12.5500 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, 106, 94) looks like.

```
.text, #text, p{  
    color:rgb(89, 106, 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(89, 106, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 106, 94) }
```

Border

The CSS property to change the border of an element to XYZ 11.2942, 13.2401, 12.5500 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, 106, 94) }
```


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

```
.border{ border-color:rgb(89, 106, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 106, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 106, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 106, 94);  
box-shadow:4px 4px 4px 4px rgb(89, 106,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 11.2942, 13.2401, 12.5500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 106, 94) }
```

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

```
.background{ background-color: rgb(89, 106,  
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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