

Converting Colors

XYZ(11.1405, 13.8110, 7.7522)

Have a look what the booklet for
XYZ(11.1405, 13.8110, 7.7522)
contains.

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Color

**XYZ(11.0570, 13.6941,
7.6907)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6D45
RGB	93, 109, 69
RGB Percent	36%, 43%, 27%
CMY	0.6353, 0.5725, 0.7294
CMYK	0.15, 0.00, 0.37, 0.57
HSL	84°, 22%, 35%
HSV	84°, 37%, 43%
XYZ	11.0570, 13.6941, 7.6907
YIQ	99.6560, 3.3040, -15.8320

Conversions

Conversions Part 2

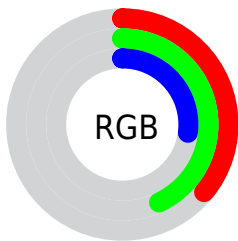
Format	Color
R_{YB}	69, 109, 85
Decimal	6122821
CIE Lab	43.79, -13.64, 20.41
CIE LCh	44, 24.551, 123.744
Yxy	13.6941, 0.3408, 0.4221
Android (android.graphics.Color)	4284312901 (0xFF5D6D45)
YUV	99.6560, -15.1134, -5.8373
Hunter-Lab	37.0055, -11.4251, 13.5819

Details

The XYZ color **11.0570, 13.6941, 7.6907** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6353, 7.2921, 15.4211**, and the grayscale version is **12.0625, 12.6907, 13.8201**.

A 20% lighter version of the original color is **27.5165, 32.7270, 22.0062**, and **2.9709, 3.9885, 1.5330** is the 20% darker color. If you saturate the color by 10%, you get **10.3205, 13.3504, 6.0494**, and if you desaturate by 10%, it is **11.8816, 14.0768, 9.6612**.

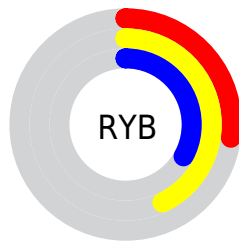
Distribution



Red (36%)

Green (43%)

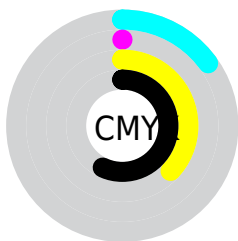
Blue (27%)



Red (27%)

Yellow (43%)

Blue (33%)

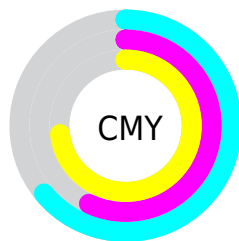


Cyan (15%)

Magenta (0%)

Yellow (37%)

Black (57%)



Cyan (64%)

Magenta (57%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.0570, 13.6941, 7.6907 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 11.0570, 13.6941, 7.6907 by changing the saturation by 10% instead.

■ 11.0570, 13.6941,
7.6907

■ 11.0570, 13.6941,
7.6907

191.9584,
215.3194, 183.1286

■ 6.1728, 7.9082,
3.8128

■ 27.3975, 32.5453,
21.8859

■ 2.9921, 4.0363,
1.5232

■ 39.5845, 46.3793,
33.0402

■ 1.1496, 1.6939,
0.2351

■ 54.9365, 63.6649,
47.4571

■ 0.0660, 0.4197,
0.0000

■ 73.8188, 84.7864,
65.5551

■ 0.0000, 0.0000,
0.0000

■ 96.5968, 110.1282,
87.7526

123.6358,

140.0747, 114.4684

155.3013,
175.0103, 146.1209

■ 11.0570, 13.6941,
7.6907

■ 11.0570, 13.6941,
7.6907

■ 10.3205, 13.3504,
6.0494

■ 11.8816, 14.0768,
9.6612

■ 9.6672, 13.0424,
4.7185

■ 12.7967, 14.4983,
11.9768

■ 9.0933, 12.7690,
3.6786

■ 13.8061, 14.9605,
14.6531

■ 8.5942, 12.5282,
2.9077

■ 14.9129, 15.4647,
17.7047

■ 8.1646, 12.3180,
2.3808

■ 16.1201, 16.0121,
21.1453

■ 7.7921, 12.1332,
2.0346

■ 17.4305, 16.6039,
24.9881

■ 7.6752, 12.0752,
1.9262

■ 18.8469, 17.2413,
29.2454

■ 20.3718, 17.9254,
33.9291

■ 22.0079, 18.6571,
39.0508

Harmonies

Analogous

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



12.7744, 13.6941, 6.6064



11.0570, 13.6941, 7.6907



9.9568, 13.6941, 10.6769

Triad

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



11.0570, 13.6941, 7.6907



11.4387, 13.6941, 26.6502



17.0916, 13.6941, 14.2257

Complementary

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



11.0570, 13.6941, 7.6907



8.6353, 7.2921, 15.4211

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.



16.6449, 13.6941, 20.1372



11.0570, 13.6941, 7.6907



13.2602, 13.6941, 28.2672

Square

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



11.0570, 13.6941, 7.6907



10.1613, 13.6941, 21.6455



15.1933, 13.6941, 25.6388



16.3604, 13.6941, 9.7413

Rectangle

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



11.0570, 13.6941, 7.6907



9.6573, 13.6941, 13.7795



15.1933, 13.6941, 25.6388



17.0746, 13.6941, 16.1018

Sweetspot

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



11.0573, 13.6947, 7.6910



23.8666, 26.3972, 23.9474



10.6299, 10.1784, 7.0348



5.5136, 6.1243, 5.4659



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.



11.0573, 13.6947, 7.6910



18.6649, 23.9917, 11.2303



9.2909, 12.7841, 7.6083



3.2217, 3.5261, 3.3283



8.9491, 14.1086, 2.2516



44.6006, 71.3746, 11.4260

Inverse Universe

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



8.6353, 7.2921, 15.4211



13.6471, 10.7193, 27.2570



10.7147, 8.3640, 15.5185



3.0524, 3.0787, 3.8683



4.3975, 1.8940, 17.0561



21.4807, 9.1733, 86.8647

Previews

White Background



This preview shows how the XYZ color 11.0570, 13.6941, 7.6907 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 11.0570, 13.6941, 7.6907 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

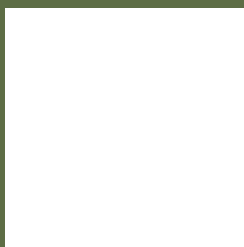
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.0570, 13.6941, 7.6907

Background



This preview shows how black text looks on a background with the XYZ color 11.0570, 13.6941, 7.6907.



This preview shows how white text looks on a background with the XYZ color 11.0570, 13.6941,

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

11.0570, 13.6941, 7.6907

Protanopia

12.5455, 13.5505, 7.2645

Deuteranopia

13.7675, 13.5896, 7.8587



Tritanopia

13.0205, 13.7231, 17.2918

Trichromacy



Original Color

11.0570, 13.6941, 7.6907

Protanomaly

11.9207, 13.5238, 7.4509

Deuteranomaly

12.6378, 13.5874, 7.7509

Tritanomaly

12.1951, 13.6940, 13.0668

Monochromacy



Original Color

11.0570, 13.6941, 7.6907

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.5832, 12.9632, 11.3428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.0570, 13.6941, 7.6907 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(93, 109, 69) looks like.

```
.text, #text, p{  
    color:rgb(93, 109, 69)  
}
```

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(93, 109, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 109, 69) }
```

Border

The CSS property to change the border of an element to XYZ 11.0570, 13.6941, 7.6907 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(93, 109, 69) }
```


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

```
.border{ border-color:rgb(93, 109, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 109, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 109, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 109, 69);  
box-shadow:4px 4px 4px 4px rgb(93, 109,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 11.0570, 13.6941, 7.6907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 109, 69) }
```

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

```
.background{ background-color: rgb(93, 109,  
69) }
```

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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