

Converting Colors

XYZ(13.5222, 13.7657, 7.0986)

Have a look what the booklet for
XYZ(13.5222, 13.7657, 7.0986)
contains.

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Color

**XYZ(13.5222, 13.7657,
7.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	796542
RGB	121, 101, 66
RGB Percent	47%, 40%, 26%
CMY	0.5255, 0.6039, 0.7412
CMYK	0.00, 0.17, 0.45, 0.53
HSL	38°, 29%, 37%
HSV	38°, 45%, 47%
XYZ	13.5222, 13.7657, 7.0986
YIQ	102.9900, 23.1550, -6.6450

Conversions

Conversions Part 2

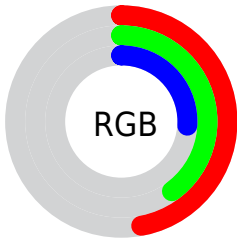
Format	Color
RYB	97, 121, 66
Decimal	7955778
CIELab	43.90, 2.85, 22.77
CIELCh	44, 22.950, 82.863
Yxy	13.7657, 0.3932, 0.4003
Android (android.graphics.Color)	4286145858 (0xFF796542)
YUV	102.9900, -18.2361, 15.7948
Hunter-Lab	37.1022, 0.1271, 14.6278

Details

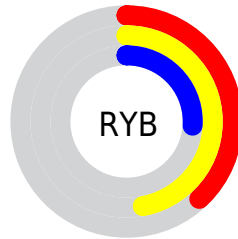
The XYZ color **13.5222, 13.7657, 7.0986** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **9.0256, 9.1939, 19.3879**, and the grayscale version is **12.9322, 13.6057, 14.8166**.

A 20% lighter version of the original color is **31.9447, 32.7853, 20.5641**, and **4.0625, 4.0359, 1.3239** is the 20% darker color. If you saturate the color by 10%, you get **12.7869, 12.8068, 5.2759**, and if you desaturate by 10%, it is **14.3566, 14.8018, 9.3271**.

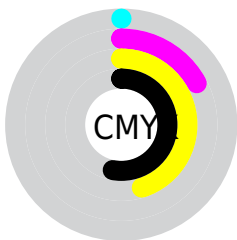
Distribution



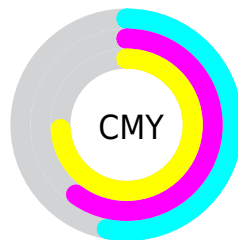
- Red (47%)
- Green (40%)
- Blue (26%)



- Red (38%)
- Yellow (47%)
- Blue (26%)



- Cyan (0%)
- Magenta (17%)
- Yellow (45%)
- Black (53%)





- Cyan (53%)
- Magenta (60%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5222, 13.7657, 7.0986 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 13.5222, 13.7657, 7.0986 by changing the saturation by 10% instead.


 13.5222, 13.7657,
7.0986


 13.5222, 13.7657,
7.0986


207.8085,
215.7683, 178.1424


 7.8686, 7.9579,
3.4445


 31.8322, 32.6727,
20.6875


 4.0621, 4.0680,
1.3258

 45.2193, 46.5407,
31.4594

 1.7373, 1.7117,
0.0828

 61.9149, 63.8642,
45.4409

 0.4795, 0.4312,
0.0000

 82.2844, 85.0276,
63.0507

 0.0000, 0.0000,
0.0000

 106.6932,
110.4154, 84.7071

 135.5065,

140.4118, 110.8289

169.0898,
175.4013, 141.8345

■ 13.5222, 13.7657,
7.0986

■ 13.5222, 13.7657,
7.0986

■ 12.7869, 12.8068,
5.2759

■ 14.3566, 14.8018,
9.3271

■ 12.1444, 11.9206,
3.8327

■ 15.2937, 15.9157,
11.9838

■ 11.5895, 11.1048,
2.7410

■ 16.3384, 17.1103,
15.0903

■ 11.1155, 10.3562,
1.9684

■ 17.4946, 18.3877,
18.6666

■ 10.7118, 9.6700,
1.4599

■ 18.7663, 19.7501,
22.7316

■ 10.5395, 9.3737,
1.2538

■ 20.1572, 21.1994,
27.3030

■ 21.6707, 22.7374,
32.3975

■ 23.3101, 24.3661,
38.0314

■ 25.0787, 26.0872,
44.2199

Harmonies

Analogous

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



15.3056, 13.7657, 8.3500



13.5222, 13.7657, 7.0986



11.7744, 13.7657, 7.5373

Triad

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



13.5222, 13.7657, 7.0986



10.1249, 13.7657, 19.2161



16.0674, 13.7657, 21.8673

Complementary

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



13.5222, 13.7657, 7.0986



9.0256, 9.1939, 19.3879

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.



14.4870, 13.7657, 26.2110



13.5222, 13.7657, 7.0986



11.0883, 13.7657, 24.4499

Square

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



13.5222, 13.7657, 7.0986



9.9180, 13.7657, 13.7809



12.6551, 13.7657, 27.2517



16.8606, 13.7657, 16.2646

Rectangle

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



13.5222, 13.7657, 7.0986



10.8509, 13.7657, 8.7921



12.6551, 13.7657, 27.2517



15.6040, 13.7657, 23.5713

Sweetspot

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



13.5225, 13.7663, 7.0989



29.4765, 30.8854, 27.6878



11.5198, 8.6361, 9.8992



6.6603, 6.9727, 6.0892



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.5225, 13.7663, 7.0989



22.7853, 22.7822, 9.1822



14.7169, 17.6231, 7.7804



4.1910, 4.4004, 4.2530



11.2839, 10.0237, 1.3400



52.9946, 46.1527, 6.1152

Inverse Universe

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



9.0256, 9.1939, 19.3879



13.6157, 13.4699, 34.2752



8.1725, 6.7066, 18.9528



3.9059, 4.1101, 5.0306



4.6533, 3.3890, 19.7942



21.4506, 14.6738, 94.1715

Previews

White Background



This preview shows how the XYZ color 13.5222, 13.7657, 7.0986 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 13.5222, 13.7657, 7.0986 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 13.5222, 13.7657, 7.0986

Background



This preview shows how black text looks on a background with the XYZ color 13.5222, 13.7657, 7.0986.



This preview shows how white text looks on a background with the XYZ color 13.5222, 13.7657,

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

13.5222, 13.7657, 7.0986

Protanopia

12.7735, 13.8166, 7.3038

Deuteranopia

13.9027, 13.6770, 7.0614



Tritanopia

15.1390, 13.7252, 14.9480

Trichromacy



Original Color

13.5222, 13.7657, 7.0986

Protanomaly

13.0658, 13.8187, 7.2888

Deuteranomaly

13.8527, 13.7928, 7.0864

Tritanomaly

14.5253, 13.7586, 11.5630

Monochromacy



Original Color

13.5222, 13.7657, 7.0986

Achromatopsia

12.8919, 13.5633, 14.7705

Achromatomaly

13.0272, 13.5559, 11.6028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5222, 13.7657, 7.0986 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(121, 101, 66)` looks like.

```
.text, #text, p{  
    color:rgb(121, 101, 66)  
}
```

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(121, 101, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 101, 66) }
```

Border

The CSS property to change the border of an element to XYZ 13.5222, 13.7657, 7.0986 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(121, 101, 66) }
```


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

```
.border{ border-color:rgb(121, 101, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 101, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 101, 66); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 101, 66); box-shadow:4px 4px 4px 4px rgb(121, 101, 66) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5222, 13.7657, 7.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 101, 66) }
```

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

```
.background{ background-color: rgb(121,  
101, 66) }
```

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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