

Converting Colors

XYZ(13.5509, 12.6887, 17.5942)

Have a look what the booklet for
XYZ(13.5509, 12.6887, 17.5942)
contains.

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Color

**XYZ(13.5599, 12.7143,
17.6590)**

Conversions

Conversions Part 1

Format	Color
Hex	6E5F72
RGB	110, 95, 114
RGB Percent	43%, 37%, 45%
CMY	0.5686, 0.6274, 0.5529
CMYK	0.04, 0.17, 0.00, 0.55
HSL	287°, 9%, 41%
HSV	287°, 17%, 45%
XYZ	13.5599, 12.7143, 17.6590
YIQ	101.6510, 2.8410, 9.0890

Conversions

Conversions Part 2

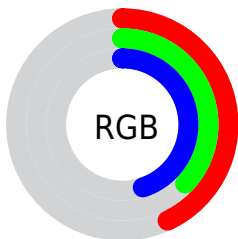
Format	Color
R_{YB}	110, 95, 114
Decimal	7233394
CIE Lab	42.33, 9.84, -8.50
CIE LCh	42, 13.004, 319.182
Yxy	12.7143, 0.3086, 0.2894
Android (android.graphics.Color)	4285423474 (0xFF6E5F72)
YUV	101.6510, 6.0881, 7.3221
Hunter-Lab	35.6571, 5.4811, -4.4031

Details

The XYZ color **13.5599, 12.7143, 17.6590** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.2288, 15.5138, 13.1243**, and the grayscale version is **12.5228, 13.1749, 14.3475**.

A 20% lighter version of the original color is **31.9086, 30.6854, 40.3175**, and **4.0683, 3.6141, 5.6374** is the 20% darker color. If you saturate the color by 10%, you get **12.3128, 10.6572, 17.3279**, and if you desaturate by 10%, it is **14.9662, 15.0773, 18.0412**.

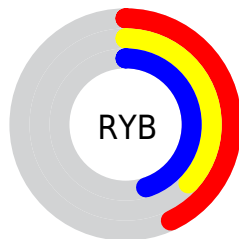
Distribution



Red (43%)

Green (37%)

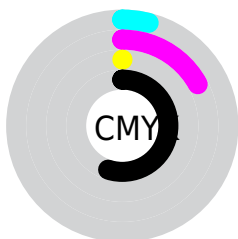
Blue (45%)



Red (43%)

Yellow (37%)

Blue (45%)

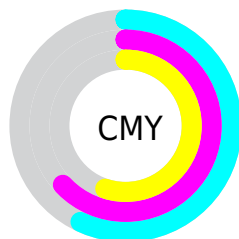


Cyan (4%)

Magenta (17%)

Yellow (0%)

Black (55%)



Cyan (57%)

Magenta (63%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5599, 12.7143, 17.6590 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 13.5599, 12.7143, 17.6590 by changing the saturation by 10% instead.

■ 13.5599, 12.7143,
17.6590

■ 13.5599, 12.7143,
17.6590

208.0414,
209.0785, 251.1131

■ 7.8949, 7.2321,
10.5385

■ 31.8989, 30.7895,
40.2615

■ 4.0790, 3.6077,
5.6472

■ 45.3036, 44.1514,
56.5806

■ 1.7469, 1.4566,
2.5665

■ 62.0188, 60.9086,
76.8029

■ 0.4854, 0.2579,
0.8751

■ 82.4100, 81.4455,
101.3472

■ 0.0000, 0.0000,
0.0000

106.8425,
106.1466, 130.6317

135.6817,

135.3961, 165.0752

169.2928,
169.5786, 205.0962

■ 13.5599, 12.7143,
17.6590

■ 13.5599, 12.7143,
17.6590

■ 12.3128, 10.6572,
17.3279

■ 14.9662, 15.0773,
18.0412

■ 11.2172, 8.8913,
17.0448

■ 16.5366, 17.7567,
18.4756

■ 10.2663, 7.4032,
16.8076

■ 18.2774, 20.7647,
18.9644

■ 9.4526, 6.1776,
16.6140

■ 20.1942, 24.1123,
19.5096

■ 8.7677, 5.1981,
16.4610

■ 22.2921, 27.8099,
20.1127

8.2023, 4.4459,
16.3456

24.5763, 31.8676,
20.7755

7.7457, 3.9000,
16.2643

27.0516, 36.2949,
21.4996

7.3735, 3.5116,
16.2089

29.7227, 41.1011,
22.2865

7.2539, 3.3887,
16.1915

32.5940, 46.2952,
23.1377

Harmonies

Analogous

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



12.7112, 12.7143, 19.5604



13.5599, 12.7143, 17.6590



14.0215, 12.7143, 14.8763

Triad

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



13.5599, 12.7143, 17.6590



12.4399, 12.7143, 9.2105



10.3987, 12.7143, 15.6842

Complementary

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



13.5599, 12.7143, 17.6590



13.2288, 15.5138, 13.1243

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.



10.3348, 12.7143, 12.8601



13.5599, 12.7143, 17.6590



11.4789, 12.7143, 9.3659

Square

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



13.5599, 12.7143, 17.6590



13.3521, 12.7143, 10.1643



10.7203, 12.7143, 10.6218



10.8999, 12.7143, 18.3185

Rectangle

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



13.5599, 12.7143, 17.6590



14.0318, 12.7143, 13.0043



10.7203, 12.7143, 10.6218



10.3264, 12.7143, 14.7185

Sweetspot

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



13.5603, 12.7148, 17.6593



26.7046, 27.1815, 31.8146



12.2300, 12.5941, 17.7061



6.1430, 6.2305, 7.3486



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



13.5603, 12.7148, 17.6593



22.9529, 20.8892, 30.7978



13.7717, 12.8582, 16.1164



3.4490, 3.4198, 4.2325



8.0610, 3.7650, 18.0235



39.4205, 18.3764, 89.7484

Inverse Universe

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



13.2842, 12.6632, 13.5489



22.3836, 20.7881, 22.0834



13.0559, 15.3954, 14.4381



3.4106, 3.4119, 3.6889



7.9029, 4.0535, 1.2987



39.1028, 20.0864, 5.0733

Previews

White Background



This preview shows how the XYZ color 13.5599, 12.7143, 17.6590 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 13.5599, 12.7143, 17.6590 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 13.5599, 12.7143, 17.6590

Background



This preview shows how black text looks on a background with the XYZ color 13.5599, 12.7143, 17.6590.



This preview shows how white text looks on a background with the XYZ color 13.5599, 12.7143,

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

13.5599, 12.7143, 17.6590

Protanopia

12.6025, 12.7494, 18.6263

Deuteranopia

12.9055, 12.6479, 17.6807



Tritanopia

13.0801, 12.8001, 14.8780

Trichromacy



Original Color

13.5599, 12.7143, 17.6590

Protanomaly

12.9996, 12.8211, 18.3126

Deuteranomaly

13.1640, 12.6448, 17.6665

Tritanomaly

13.1963, 12.6997, 15.9431

Monochromacy



Original Color

13.5599, 12.7143, 17.6590

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.8891, 12.9675, 15.4593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5599, 12.7143, 17.6590 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(110, 95, 114)` looks like.

```
.text, #text, p{  
    color:rgb(110, 95, 114)  
}
```

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(110, 95, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 95, 114) }
```

Border

The CSS property to change the border of an element to XYZ 13.5599, 12.7143, 17.6590 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(110, 95, 114) }
```


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

```
.border{ border-color:rgb(110, 95, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 95, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 95, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 95, 114);  
box-shadow:4px 4px 4px 4px rgb(110, 95,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5599, 12.7143, 17.6590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 95, 114) }
```

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

```
.background{ background-color: rgb(110, 95,  
114) }
```

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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