

Converting Colors

XYZ(13.6599, 15.5244, 22.6986)

Have a look what the booklet for
XYZ(13.6599, 15.5244, 22.6986)
contains.

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Color

**XYZ(13.6599, 15.5244,
22.6986)**

Conversions

Conversions Part 1

Format	Color
Hex	557280
RGB	85, 114, 128
RGB Percent	33%, 45%, 50%
CMY	0.6667, 0.5529, 0.4980
CMYK	0.34, 0.11, 0.00, 0.50
HSL	200°, 20%, 42%
HSV	200°, 34%, 50%
XYZ	13.6599, 15.5244, 22.6986
YIQ	106.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

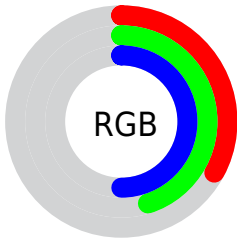
Format	Color
R_{YB}	85, 102, 128
Decimal	5599872
CIE _{Lab}	46.34, -6.82, -11.10
CIE _{LCh}	46, 13.028, 238.420
Yxy	15.5244, 0.2633, 0.2992
Android (android.graphics.Color)	4283789952 (0xFF557280)
YUV	106.9250, 10.3900, -19.2282
Hunter-Lab	39.4010, -7.0678, -6.5758

Details

The XYZ color **13.6599, 15.5244, 22.6986** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0039, 14.1690, 10.5389**, and the grayscale version is **13.9312, 14.6567, 15.9611**.

A 20% lighter version of the original color is **32.1301, 35.8429, 48.9410**, and **4.1224, 4.8543, 8.1168** is the 20% darker color. If you saturate the color by 10%, you get **12.1420, 14.0603, 22.4963**, and if you desaturate by 10%, it is **15.4104, 17.1410, 22.9186**.

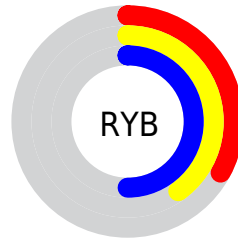
Distribution



Red (33%)

Green (45%)

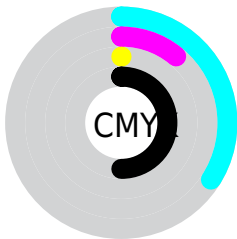
Blue (50%)



Red (33%)

Yellow (40%)

Blue (50%)

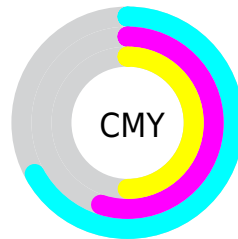


Cyan (34%)

Magenta (11%)

Yellow (0%)

Black (50%)



Cyan (67%)

Magenta (55%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6599, 15.5244, 22.6986 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 13.6599, 15.5244, 22.6986 by changing the saturation by 10% instead.

■ 13.6599, 15.5244,
22.6986

■ 13.6599, 15.5244,
22.6986

208.6579,
226.5187, 279.2447

■ 7.9646, 9.1882,
14.1679

■ 32.0757, 35.7705,
48.8149

■ 4.1239, 4.8642,
8.0975

■ 45.5269, 50.4493,
67.2375

■ 1.7725, 2.1678,
4.0687

■ 62.2941, 68.6778,
89.7946

■ 0.5010, 0.7023,
1.6631

■ 82.7427, 90.8403,
116.9045

■ 0.0000, 0.0000,
0.3353

■ 107.2380,
117.3212, 148.9860

■ 0.0000, 0.0000,
0.0000

136.1454,

148.5050, 186.4575

169.8303,
184.7760, 229.7376

■ 13.6599, 15.5244,
22.6986

■ 13.6599, 15.5244,
22.6986

■ 12.1420, 14.0603,
22.4963

■ 15.4104, 17.1410,
22.9186

■ 10.8437, 12.7404,
22.3099

■ 17.4029, 18.9141,
23.1559

■ 9.7528, 11.5583,
22.1393

■ 19.6478, 20.8501,
23.4112

■ 8.8551, 10.5064,
21.9835

■ 22.1547, 22.9541,
23.6852

■ 8.1346, 9.5759,
21.8419

■ 24.9326, 25.2311,
23.9783

■ 7.5713, 8.7560,
21.7133

■ 27.9899, 27.6860,
24.2910

■ 7.2504, 8.2667,
21.6358

■ 31.3348, 30.3233,
24.6238

■ 34.9751, 33.1474,
24.9770

■ 38.9183, 36.1625,
25.3512

Harmonies

Analogous

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



12.9474, 15.5244, 20.0005



13.6599, 15.5244, 22.6986



14.6964, 15.5244, 23.8216

Triad

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



13.6599, 15.5244, 22.6986



17.0064, 15.5244, 17.0735



13.7575, 15.5244, 12.0537

Complementary

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



13.6599, 15.5244, 22.6986



15.0039, 14.1690, 10.5389

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.



14.8147, 15.5244, 11.4739



13.6599, 15.5244, 22.6986



16.7245, 15.5244, 14.1438

Square

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



13.6599, 15.5244, 22.6986



16.6603, 15.5244, 20.3307



15.9081, 15.5244, 12.1895



13.0017, 15.5244, 13.8847

Rectangle

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



13.6599, 15.5244, 22.6986



15.4440, 15.5244, 23.4309



15.9081, 15.5244, 12.1895



14.0877, 15.5244, 11.7170

Sweetspot

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



13.6604, 15.5250, 22.6990



31.9186, 34.4145, 40.9166



13.6997, 18.2635, 14.5121



7.3664, 7.9648, 9.5675



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



13.6604, 15.5250, 22.6990



22.0532, 25.4187, 39.7002



11.5471, 11.2985, 21.9945



4.3321, 4.6582, 5.4841



7.1905, 8.1995, 21.4536



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.1882, 12.3015, 17.4941



25.2248, 19.1079, 28.8105



17.2726, 18.7064, 11.2951



4.4405, 4.3893, 5.1239



10.5064, 5.2223, 9.2564



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 13.6599, 15.5244, 22.6986 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 13.6599, 15.5244, 22.6986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

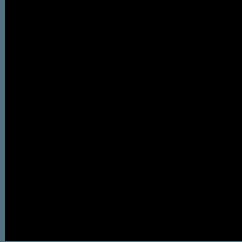
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

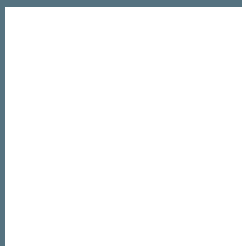
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 13.6599, 15.5244, 22.6986

Background



This preview shows how black text looks on a background with the XYZ color 13.6599, 15.5244, 22.6986.



This preview shows how white text looks on a background with the XYZ color 13.6599, 15.5244,

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

13.6599, 15.5244, 22.6986

Protanopia

15.1701, 15.5183, 21.2646

Deuteranopia

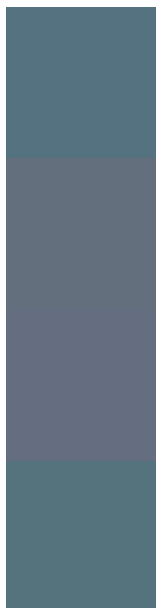
15.6506, 15.4154, 22.9195



Tritanopia

13.4250, 15.6015, 21.3726

Trichromacy



Original Color

13.6599, 15.5244, 22.6986

Protanomaly

14.5317, 15.5022, 21.6284

Deuteranomaly

14.9052, 15.5035, 22.9758

Tritanomaly

13.4886, 15.6270, 21.7074

Monochromacy



Original Color

13.6599, 15.5244, 22.6986

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.8160, 15.0423, 18.3949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6599, 15.5244, 22.6986 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(85, 114, 128) looks like.

```
.text, #text, p{  
  color:rgb(85, 114, 128)  
}
```

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(85, 114, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 114, 128) }
```

Border

The CSS property to change the border of an element to XYZ 13.6599, 15.5244, 22.6986 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(85, 114, 128) }
```


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

```
.border{ border-color:rgb(85, 114, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 114, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 114, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 114, 128);  
box-shadow:4px 4px 4px 4px rgb(85, 114,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6599, 15.5244, 22.6986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 114, 128) }
```

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

```
.background{ background-color: rgb(85, 114,  
128) }
```

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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