

Converting Colors

XYZ(13.5576, 13.7159, 16.5850)

Have a look what the booklet for
XYZ(13.5576, 13.7159, 16.5850)
contains.

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Color

**XYZ(13.6292, 13.7543,
16.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	6B666E
RGB	107, 102, 110
RGB Percent	42%, 40%, 43%
CMY	0.5804, 0.6000, 0.5686
CMYK	0.03, 0.07, 0.00, 0.57
HSL	277°, 4%, 42%
HSV	277°, 7%, 43%
XYZ	13.6292, 13.7543, 16.6884
YIQ	104.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

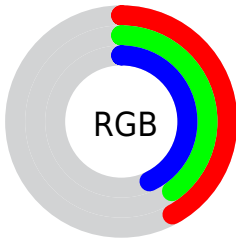
Format	Color
R_{YB}	107, 102, 110
Decimal	7038574
CIE Lab	43.88, 3.61, -3.79
CIE LCh	44, 5.236, 313.574
Yxy	13.7543, 0.3092, 0.3121
Android (android.graphics.Color)	4285228654 (0xFF6B666E)
YUV	104.4070, 2.7573, 2.2741
Hunter-Lab	37.0868, 0.6959, -0.7187

Details

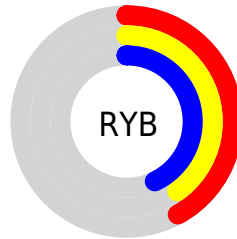
The XYZ color **13.6292, 13.7543, 16.6884** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.8005, 15.1149, 14.7611**, and the grayscale version is **13.2603, 13.9509, 15.1925**.

A 20% lighter version of the original color is **32.0134, 32.6602, 38.7992**, and **4.1269, 4.0519, 5.2672** is the 20% darker color. If you saturate the color by 10%, you get **12.1349, 11.4845, 16.3293**, and if you desaturate by 10%, it is **15.2915, 16.3244, 17.0971**.

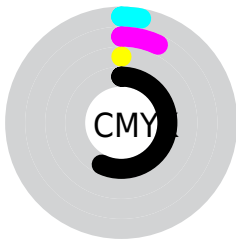
Distribution



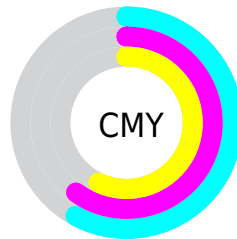
- Red (42%)
- Green (40%)
- Blue (43%)



- Red (42%)
- Yellow (40%)
- Blue (43%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (57%)



- Cyan (58%)
- Magenta (60%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.6292, 13.7543, 16.6884 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 13.6292, 13.7543, 16.6884 by changing the saturation by 10% instead.

■ 13.6292, 13.7543,
16.6884

■ 13.6292, 13.7543,
16.6884

208.4688,
215.6969, 245.3531

■ 7.9432, 7.9500,
9.8530

■ 32.0214, 32.6524,
38.5725

■ 4.1101, 4.0630,
5.1973

■ 45.4584, 46.5150,
54.4583

■ 1.7646, 1.7088,
2.3027

■ 62.2096, 63.8325,
74.1980

■ 0.4962, 0.4294,
0.7327

■ 82.6406, 84.9893,
98.2100

■ 0.0000, 0.0000,
0.0000

107.1167,
110.3697, 126.9130

136.0032,

140.3582, 160.7255

169.6654,
175.3391, 200.0660

■ 13.6292, 13.7543,
16.6884

■ 13.6292, 13.7543,
16.6884

■ 12.1349, 11.4845,
16.3293

■ 15.2915, 16.3244,
17.0971

■ 10.8014, 9.5019,
16.0169

■ 17.1261, 19.2039,
17.5562

■ 9.6228, 7.7950,
15.7495

■ 19.1389, 22.4035,
18.0677

■ 8.5924, 6.3507,
15.5250

■ 21.3349, 25.9329,
18.6332

■ 7.7028, 5.1549,
15.3411

■ 23.7190, 29.8016,
19.2543

■ 6.9461, 4.1923,
15.1952

■ 26.2960, 34.0184,
19.9324

■ 6.3134, 3.4457,
15.0844

■ 29.0702, 38.5920,
20.6689

■ 5.7947, 2.8953,
15.0055

■ 32.0461, 43.5307,
21.4654

■ 5.3629, 2.4879,
14.9497

■ 35.2280, 48.8426,
22.3229

Harmonies

Analogous

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



13.2607, 13.7543, 17.3022



13.6292, 13.7543, 16.6884



13.8512, 13.7543, 15.6297

Triad

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



13.6292, 13.7543, 16.6884



13.2993, 13.7543, 12.8950



12.3148, 13.7543, 15.5173

Complementary

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



13.6292, 13.7543, 16.6884



13.8005, 15.1149, 14.7611

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.



12.3246, 13.7543, 14.3409



13.6292, 13.7543, 16.6884



12.8872, 13.7543, 12.8684

Square

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



13.6292, 13.7543, 16.6884



13.6580, 13.7543, 13.4597



12.5322, 13.7543, 13.3851



12.5050, 13.7543, 16.6024

Rectangle

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



13.6292, 13.7543, 16.6884



13.8834, 13.7543, 14.8345



12.5322, 13.7543, 13.3851



12.2949, 13.7543, 15.1186

Sweetspot

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



13.6296, 13.7549, 16.6887



25.4215, 26.4437, 29.6715



13.3529, 14.0679, 16.7637



5.9272, 6.1714, 6.9076



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.



13.6296, 13.7549, 16.6887



23.3962, 23.3300, 29.1773



13.9461, 13.9239, 16.4397



3.3990, 3.3940, 4.2302



6.2741, 2.8438, 17.9398



30.2756, 13.6620, 89.3205

Inverse Universe

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



13.7321, 13.8383, 15.3127



23.6258, 23.5160, 26.1304



13.5008, 14.9550, 14.9901



3.4315, 3.4203, 3.7988



8.1978, 4.1715, 2.8518



40.4479, 20.6245, 12.1566

Previews

White Background



This preview shows how the XYZ color 13.6292, 13.7543, 16.6884 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 13.6292, 13.7543, 16.6884 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 13.6292, 13.7543, 16.6884

Background



This preview shows how black text looks on a background with the XYZ color 13.6292, 13.7543, 16.6884.



This preview shows how white text looks on a background with the XYZ color 13.6292, 13.7543,

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

13.6292, 13.7543, 16.6884

Protanopia

13.4284, 13.7912, 16.9931

Deuteranopia

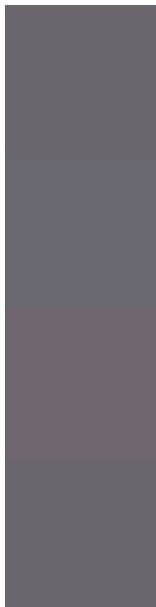
14.0237, 13.8127, 16.6788



Tritanopia

13.6292, 13.7543, 16.6884

Trichromacy



Original Color

13.6292, 13.7543, 16.6884

Protanomaly

13.5452, 13.8515, 16.9986

Deuteranomaly

13.8986, 13.7481, 16.6730

Tritanomaly

13.6292, 13.7543, 16.6884

Monochromacy



Original Color

13.6292, 13.7543, 16.6884

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.2775, 13.7444, 15.5888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.6292, 13.7543, 16.6884 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(107, 102, 110)` looks like.

```
.text, #text, p{  
    color:rgb(107, 102, 110)  
}
```

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(107, 102, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 102, 110) }
```

Border

The CSS property to change the border of an element to XYZ 13.6292, 13.7543, 16.6884 is called "border". The border property can be set on classes, ids or directly on the HTML element.

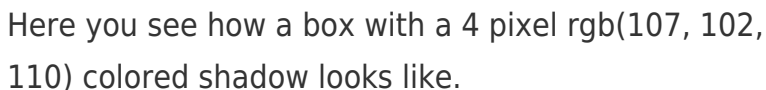
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 102, 110) }
```


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

```
.border{ border-color:rgb(107, 102, 110) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 102, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 102, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 102, 110);  
box-shadow:4px 4px 4px 4px rgb(107, 102,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 13.6292, 13.7543, 16.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 102, 110) }
```

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

```
.background{ background-color: rgb(107,  
102, 110) }
```

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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