

Converting Colors

XYZ(13.4883, 12.7050, 17.8857)

Have a look what the booklet for
XYZ(13.4883, 12.7050, 17.8857)
contains.

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Color

**XYZ(13.4934, 12.6734,
17.9547)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5F73
RGB	109, 95, 115
RGB Percent	43%, 37%, 45%
CMY	0.5725, 0.6274, 0.5490
CMYK	0.05, 0.17, 0.00, 0.55
HSL	282°, 10%, 41%
HSV	282°, 17%, 45%
XYZ	13.4934, 12.6734, 17.9547
YIQ	101.4660, 1.9240, 9.1880

Conversions

Conversions Part 2

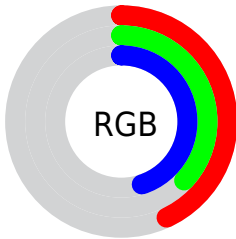
Format	Color
R_{YB}	109, 95, 115
Decimal	7167859
CIE Lab	42.27, 9.68, -9.21
CIE LCh	42, 13.366, 316.424
Yxy	12.6734, 0.3058, 0.2872
Android (android.graphics.Color)	4285357939 (0xFF6D5F73)
YUV	101.4660, 6.6723, 6.6073
Hunter-Lab	35.5997, 5.3575, -4.9831

Details

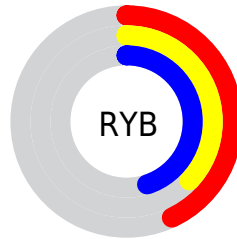
The XYZ color **13.4934, 12.6734, 17.9547** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.5635, 15.8547, 13.1724**, and the grayscale version is **12.4734, 13.1230, 14.2910**.

A 20% lighter version of the original color is **31.7984, 30.6179, 40.7931**, and **4.0359, 3.5940, 5.7912** is the 20% darker color. If you saturate the color by 10%, you get **12.1170, 10.5382, 17.6153**, and if you desaturate by 10%, it is **15.0402, 15.1242, 18.3464**.

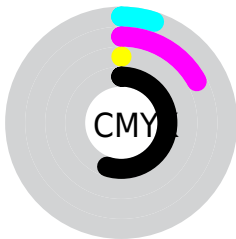
Distribution



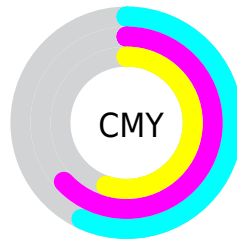
- Red (43%)
- Green (37%)
- Blue (45%)



- Red (43%)
- Yellow (37%)
- Blue (45%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (57%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.4934, 12.6734, 17.9547 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 13.4934, 12.6734, 17.9547 by changing the saturation by 10% instead.

■ 13.4934, 12.6734,
17.9547

■ 13.4934, 12.6734,
17.9547

207.6304,
208.8138, 252.8431

■ 7.8485, 7.2040,
10.7484

■ 31.7812, 30.7158,
40.7730

■ 4.0492, 3.5900,
5.7859

■ 45.1549, 44.0576,
57.2221

■ 1.7300, 1.4470,
2.6486

■ 61.8355, 60.7923,
77.5891

■ 0.4749, 0.2510,
0.9174

■ 82.1884, 81.3044,
102.2927

■ 0.0000, 0.0000,
0.0000

106.5790,
105.9782, 131.7514

135.3726,

135.1981, 166.3836

168.9346,
169.3485, 206.6080

■ 13.4934, 12.6734,
17.9547

■ 13.4934, 12.6734,
17.9547

■ 12.1170, 10.5382,
17.6153

■ 15.0402, 15.1242,
18.3464

■ 10.9030, 8.7035,
17.3252

■ 16.7626, 17.9015,
18.7917

■ 9.8444, 7.1554,
17.0821

■ 18.6672, 21.0179,
19.2929

■ 8.9332, 5.8783,
16.8837

■ 20.7598, 24.4847,
19.8517

■ 8.1606, 4.8549,
16.7268

■ 23.0459, 28.3126,
20.4701

■ 7.5170, 4.0661,
16.6085

■ 25.5307, 32.5120,
21.1497

■ 6.9912, 3.4899,
16.5250

■ 28.2194, 37.0928,
21.8922

■ 6.5549, 3.0701,
16.4670

■ 31.1168, 42.0644,
22.6991

■ 6.4452, 2.9651,
16.4525

■ 34.2277, 47.4362,
23.5720

Harmonies

Analogous

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



12.5977, 12.6734, 19.7853



13.4934, 12.6734, 17.9547



14.0135, 12.6734, 15.1328

Triad

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



13.4934, 12.6734, 17.9547



12.5028, 12.6734, 9.1077



10.2935, 12.6734, 15.4159

Complementary

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



13.4934, 12.6734, 17.9547



13.5635, 15.8547, 13.1724

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.



10.2713, 12.6734, 12.5463



13.4934, 12.6734, 17.9547



11.5100, 12.6734, 9.1616

Square

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



13.4934, 12.6734, 17.9547



13.4206, 12.6734, 10.1811



10.7054, 12.6734, 10.3401



10.7680, 12.6734, 18.1865

Rectangle

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



13.4934, 12.6734, 17.9547



14.0597, 12.6734, 13.1920



10.7054, 12.6734, 10.3401



10.2338, 12.6734, 14.4247

Sweetspot

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



13.4938, 12.6739, 17.9550



27.6006, 28.1536, 33.0240



12.5004, 13.0434, 18.0787



6.5448, 6.6527, 7.8681



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



13.4938, 12.6739, 17.9550



23.1006, 21.0360, 31.8873



14.0504, 12.9848, 16.9014



3.7248, 3.7054, 4.6091



7.3460, 3.3783, 18.8075



34.9029, 16.0016, 91.6093

Inverse Universe

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



13.5118, 12.7693, 14.0650



23.1586, 21.2534, 23.4192



13.0867, 15.5892, 14.0408



3.7250, 3.7173, 4.0786



8.4124, 4.2987, 2.1137



40.6575, 20.8131, 8.5258

Previews

White Background



This preview shows how the XYZ color 13.4934, 12.6734, 17.9547 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 13.4934, 12.6734, 17.9547 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 13.4934, 12.6734, 17.9547

Background



This preview shows how black text looks on a background with the XYZ color 13.4934, 12.6734, 17.9547.



This preview shows how white text looks on a background with the XYZ color 13.4934, 12.6734,

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

13.4934, 12.6734, 17.9547

Protanopia

12.5557, 12.7185, 18.9327

Deuteranopia

12.9627, 12.6708, 17.9821



Tritanopia

12.8368, 12.6747, 14.8666

Trichromacy



Original Color

13.4934, 12.6734, 17.9547

Protanomaly

12.9454, 12.7864, 18.6154

Deuteranomaly

13.1031, 12.6068, 17.9624

Tritanomaly

13.0740, 12.6366, 15.9374

Monochromacy



Original Color

13.4934, 12.6734, 17.9547

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.7723, 12.9073, 15.4539

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4934, 12.6734, 17.9547 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(109, 95, 115)` looks like.

```
.text, #text, p{  
    color:rgb(109, 95, 115)  
}
```

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(109, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 95, 115) }
```

Border

The CSS property to change the border of an element to XYZ 13.4934, 12.6734, 17.9547 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(109, 95, 115) }
```


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

```
.border{ border-color:rgb(109, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(109, 95,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4934, 12.6734, 17.9547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 95, 115) }
```

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

```
.background{ background-color: rgb(109, 95,  
115) }
```

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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