

Converting Colors

XYZ(13.7274, 15.7889, 18.0445)

Have a look what the booklet for
XYZ(13.7274, 15.7889, 18.0445)
contains.

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Color

**XYZ(13.7275, 15.8334,
17.9554)**

Conversions

Conversions Part 1

Format	Color
Hex	5E7371
RGB	94, 115, 113
RGB Percent	37%, 45%, 44%
CMY	0.6314, 0.5490, 0.5569
CMYK	0.18, 0.00, 0.02, 0.55
HSL	174°, 10%, 41%
HSV	174°, 18%, 45%
XYZ	13.7275, 15.8334, 17.9554
YIQ	108.4930, -11.8740, -5.0740

Conversions

Conversions Part 2

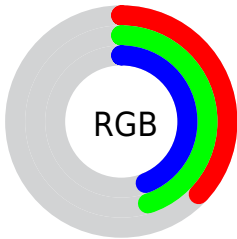
Format	Color
R_{YB}	94, 105, 115
Decimal	6189937
CIE _{Lab}	46.76, -8.16, -1.48
CIE _{LCh}	47, 8.295, 190.254
Yxy	15.8334, 0.2889, 0.3332
Android (android.graphics.Color)	4284380017 (0xFF5E7371)
YUV	108.4930, 2.2220, -12.7104
Hunter-Lab	39.7912, -8.0542, 1.0998

Details

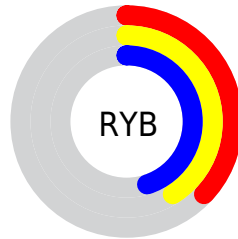
The XYZ color **13.7275, 15.8334, 17.9554** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.1849, 12.4953, 12.7840**, and the grayscale version is **14.3892, 15.1385, 16.4859**.

A 20% lighter version of the original color is **32.2873, 36.3738, 40.9164**, and **4.1336, 5.0003, 5.7483** is the 20% darker color. If you saturate the color by 10%, you get **12.5738, 15.2461, 17.5815**, and if you desaturate by 10%, it is **15.0586, 16.5129, 18.3421**.

Distribution



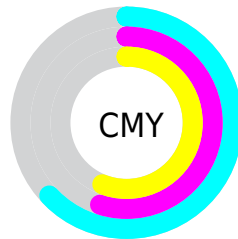
- Red (37%)
- Green (45%)
- Blue (44%)



- Red (37%)
- Yellow (41%)
- Blue (45%)



- Cyan (18%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (63%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.7275, 15.8334, 17.9554 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 13.7275, 15.8334, 17.9554 by changing the saturation by 10% instead.

■ 13.7275, 15.8334,
17.9554

■ 13.7275, 15.8334,
17.9554

209.0737,
228.3566, 252.8472

■ 8.0118, 9.4063,
10.7489

■ 32.1951, 36.3087,
40.7742

■ 4.1544, 5.0072,
5.7862

■ 45.6776, 51.1258,
57.2236

■ 1.7898, 2.2515,
2.6488

■ 62.4799, 69.5083,
77.5910

■ 0.5115, 0.7478,
0.9175

■ 82.9672, 91.8407,
102.2949

■ 0.0000, 0.0000,
0.0000

107.5048,
118.5073, 131.7540

136.4582,

149.8926, 166.3867

170.1927,
186.3809, 206.6116

■ 13.7275, 15.8334,
17.9554

■ 13.7275, 15.8334,
17.9554

■ 12.5738, 15.2461,
17.5815

■ 15.0586, 16.5129,
18.3421

■ 11.5883, 14.7451,
17.2191

■ 16.5730, 17.2863,
18.7410

■ 10.7633, 14.3267,
16.8680

■ 18.2781, 18.1580,
19.1528

■ 10.0897, 13.9863,
16.5278

■ 20.1803, 19.1311,
19.5777

■ 9.5575, 13.7187,
16.1981

■ 22.2857, 20.2090,
20.0160

■ 9.1556, 13.5181,
15.8783

■ 24.6005, 21.3947,
20.4681

■ 8.8712, 13.3781,
15.5679

■ 27.1301, 22.6911,
20.9342

■ 8.6665, 13.2791,
15.2649

■ 29.8802, 24.1010,
21.4147

■ 8.6318, 13.2623,
15.2127

■ 32.8559, 25.6272,
21.9097

Harmonies

Analogous

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



13.7833, 15.8334, 15.9347



13.7275, 15.8334, 17.9554



14.0171, 15.8334, 19.9310

Triad

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



13.7275, 15.8334, 17.9554



15.9616, 15.8334, 20.4465



15.5218, 15.8334, 13.7708

Complementary

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



13.7275, 15.8334, 17.9554



13.1849, 12.4953, 12.7840

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.



16.1307, 15.8334, 14.8026



13.7275, 15.8334, 17.9554



16.3902, 15.8334, 18.6145

Square

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



13.7275, 15.8334, 17.9554



15.2970, 15.8334, 21.4434



16.4531, 15.8334, 16.5436



14.8041, 15.8334, 13.6251

Rectangle

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



13.7275, 15.8334, 17.9554



14.3727, 15.8334, 20.9167



16.4531, 15.8334, 16.5436



15.7466, 15.8334, 14.0213

Sweetspot

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



13.7280, 15.8341, 17.9558



27.7770, 29.9832, 33.0649



12.9860, 15.5625, 12.9095



6.5915, 7.1350, 7.8787



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.



13.7280, 15.8341, 17.9558



23.6513, 27.8787, 31.8600



12.9272, 14.0502, 18.2510



3.7690, 4.1496, 4.6174



9.8634, 15.1593, 17.3684



47.8933, 73.8046, 83.7319

Inverse Universe

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



13.1849, 12.4953, 12.7840



22.4839, 20.6997, 20.7410



13.8820, 14.0351, 12.5675



3.6968, 3.7060, 3.9303



8.1471, 4.1926, 0.7171



39.5515, 20.3707, 2.7016

Previews

White Background



This preview shows how the XYZ color 13.7275, 15.8334, 17.9554 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 13.7275, 15.8334, 17.9554 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 13.7275, 15.8334, 17.9554

Background



This preview shows how black text looks on a background with the XYZ color 13.7275, 15.8334, 17.9554.



This preview shows how white text looks on a background with the XYZ color 13.7275, 15.8334,

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

13.7275, 15.8334, 17.9554

Protanopia

15.2005, 15.7884, 16.9982

Deuteranopia

15.9600, 15.6751, 18.4041



Tritanopia

14.4163, 15.9515, 21.0580

Trichromacy



Original Color

13.7275, 15.8334, 17.9554

Protanomaly

14.6073, 15.8002, 17.3188

Deuteranomaly

15.0436, 15.6818, 18.1536

Tritanomaly

14.0664, 15.7994, 19.7610

Monochromacy



Original Color

13.7275, 15.8334, 17.9554

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

14.0924, 15.3782, 16.9774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.7275, 15.8334, 17.9554 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(94, 115, 113) looks like.

```
.text, #text, p{  
    color:rgb(94, 115, 113)  
}
```

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(94, 115, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 115, 113) }
```

Border

The CSS property to change the border of an element to XYZ 13.7275, 15.8334, 17.9554 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(94, 115, 113) }
```


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

```
.border{ border-color:rgb(94, 115, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 115, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 115, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 115, 113); box-shadow:4px 4px 4px 4px rgb(94, 115, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 13.7275, 15.8334, 17.9554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 115, 113) }
```

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

```
.background{ background-color: rgb(94, 115,  
113) }
```

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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