

Converting Colors

XYZ(13.5166, 13.5255, 17.8179)

Have a look what the booklet for
XYZ(13.5166, 13.5255, 17.8179)
contains.

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Color

**XYZ(13.5166, 13.5255,
17.8179)**

Conversions

Conversions Part 1

Format	Color
Hex	696572
RGB	105, 101, 114
RGB Percent	41%, 40%, 45%
CMY	0.5882, 0.6039, 0.5529
CMYK	0.08, 0.11, 0.00, 0.55
HSL	258°, 6%, 42%
HSV	258°, 11%, 45%
XYZ	13.5166, 13.5255, 17.8179
YIQ	103.6780, -1.7890, 4.8910

Conversions

Conversions Part 2

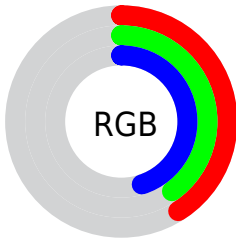
Format	Color
R_{YB}	105, 101, 114
Decimal	6907250
CIE _{Lab}	43.54, 4.33, -6.73
CIE _{LCh}	44, 8.001, 302.725
Yxy	13.5255, 0.3013, 0.3015
Android (android.graphics.Color)	4285097330 (0xFF696572)
YUV	103.6780, 5.0887, 1.1594
Hunter-Lab	36.7770, 1.2440, -2.9812

Details

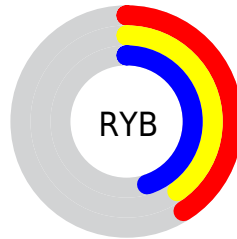
The XYZ color **13.5166, 13.5255, 17.8179** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.7972, 16.2896, 14.6769**, and the grayscale version is **13.0596, 13.7397, 14.9626**.

A 20% lighter version of the original color is **31.8215, 32.2776, 40.6294**, and **4.0475, 3.9312, 5.6997** is the 20% darker color. If you saturate the color by 10%, you get **11.6012, 11.0076, 17.4331**, and if you desaturate by 10%, it is **15.6725, 16.3960, 18.2585**.

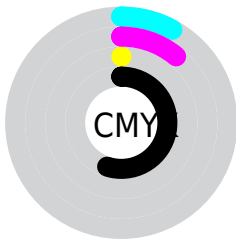
Distribution



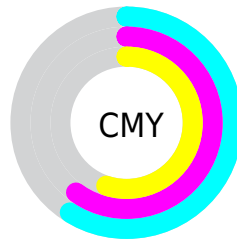
- Red (41%)
- Green (40%)
- Blue (45%)



- Red (41%)
- Yellow (40%)
- Blue (45%)



- Cyan (8%)
- Magenta (11%)
- Yellow (0%)
- Black (55%)



- Cyan (59%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.5166, 13.5255, 17.8179 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 13.5166, 13.5255, 17.8179 by changing the saturation by 10% instead.

■ 13.5166, 13.5255,
17.8179

■ 13.5166, 13.5255,
17.8179

207.7738,
214.2586, 252.0442

■ 7.8647, 7.7914,
10.6512

■ 31.8223, 32.2447,
40.5365

■ 4.0596, 3.9618,
5.7216

■ 45.2068, 45.9986,
56.9256

■ 1.7359, 1.6522,
2.6105

■ 61.8995, 63.1945,
77.2258

■ 0.4786, 0.3924,
0.8979

■ 82.2658, 84.2169,
101.8558

■ 0.0000, 0.0000,
0.0000

106.6710,
109.4501, 131.2341

135.4805,

139.2785, 165.7793

169.0597,
174.0865, 205.9098

■ 13.5166, 13.5255,
17.8179

■ 13.5166, 13.5255,
17.8179

■ 11.6012, 11.0076,
17.4331

■ 15.6725, 16.3960,
18.2585

■ 9.9164, 8.8269,
17.1009

■ 18.0757, 19.6305,
18.7562

■ 8.4535, 6.9693,
16.8195

■ 20.7346, 23.2417,
19.3131

■ 7.2027, 5.4188,
16.5861

■ 23.6564, 27.2416,
19.9312

■ 6.1535, 4.1585,
16.3982

■ 26.8483, 31.6412,
20.6121

■ 5.2942, 3.1694,
16.2526

■ 30.3172, 36.4515,
21.3578

■ 4.6121, 2.4304,
16.1459

■ 34.0696, 41.6827,
22.1697

■ 4.0925, 1.9168,
16.0741

■ 38.1119, 47.3448,
23.0496

■ 3.7326, 1.5734,
16.0268

■ 42.4503, 53.4475,
23.9989

Harmonies

Analogous

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



12.9128, 13.5255, 18.4412



13.5166, 13.5255, 17.8179



13.9541, 13.5255, 16.3620

Triad

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



13.5166, 13.5255, 17.8179



13.4145, 13.5255, 11.8735



11.6916, 13.5255, 14.8913

Complementary

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



13.5166, 13.5255, 17.8179



14.7972, 16.2896, 14.6769

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.



11.8163, 13.5255, 13.2047



13.5166, 13.5255, 17.8179



12.7985, 13.5255, 11.5483

Square

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



13.5166, 13.5255, 17.8179



13.8938, 13.5255, 12.9427



12.2165, 13.5255, 12.0159



11.8704, 13.5255, 16.6681

Rectangle

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



13.5166, 13.5255, 17.8179



14.0855, 13.5255, 15.1673



12.2165, 13.5255, 12.0159



11.6994, 13.5255, 14.2952

Sweetspot

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



13.5170, 13.5261, 17.8182



26.8762, 27.9233, 31.9487



13.9913, 15.1555, 18.1077



6.1522, 6.3731, 7.3756



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.



13.5170, 13.5261, 17.8182



22.7138, 22.3963, 31.1013



14.2974, 13.9284, 17.8547



3.3052, 3.3456, 4.2258



4.1391, 1.7432, 17.8399



19.8294, 8.2768, 88.8316

Inverse Universe

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



14.4081, 14.0112, 16.6977



24.6565, 23.4544, 28.6347



14.0293, 15.8937, 14.6410



3.4728, 3.4368, 4.0167



9.2857, 4.6067, 8.5806



45.8578, 22.7884, 40.6447

Previews

White Background



This preview shows how the XYZ color 13.5166, 13.5255, 17.8179 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 13.5166, 13.5255, 17.8179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

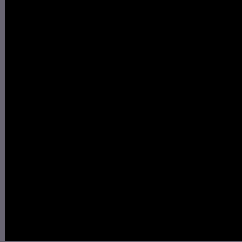
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5166, 13.5255, 17.8179

Background



This preview shows how black text looks on a background with the XYZ color 13.5166, 13.5255, 17.8179.



This preview shows how white text looks on a background with the XYZ color 13.5166, 13.5255,

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

13.5166, 13.5255, 17.8179

Protanopia

13.2127, 13.5072, 18.1304

Deuteranopia

13.7788, 13.5174, 17.8025



Tritanopia

13.2748, 13.5716, 16.6718

Trichromacy



Original Color

13.5166, 13.5255, 17.8179

Protanomaly

13.3254, 13.5653, 18.1357

Deuteranomaly

13.6578, 13.4550, 17.7968

Tritanomaly

13.3295, 13.5935, 16.9602

Monochromacy



Original Color

13.5166, 13.5255, 17.8179

Achromatopsia

13.1579, 13.8432, 15.0752

Achromatomaly

13.2659, 13.7263, 16.1376

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5166, 13.5255, 17.8179 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(105, 101, 114)` looks like.

```
.text, #text, p{  
    color:rgb(105, 101, 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(105, 101, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 101, 114) }
```

Border

The CSS property to change the border of an element to XYZ 13.5166, 13.5255, 17.8179 is called "border". The border property can be set on classes, ids or directly on the HTML element.

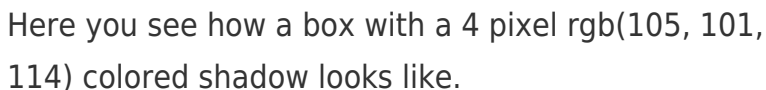
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 101, 114) }
```


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

```
.border{ border-color:rgb(105, 101, 114) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 101, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 101, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 101, 114);  
box-shadow:4px 4px 4px 4px rgb(105, 101,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5166, 13.5255, 17.8179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 101, 114) }
```

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

```
.background{ background-color: rgb(105,  
101, 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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