

Converting Colors

XYZ(13.1591, 15.3613, 17.6790)

Have a look what the booklet for
XYZ(13.1591, 15.3613, 17.6790)
contains.

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Color

**XYZ(13.1584, 15.3781,
17.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7270
RGB	90, 114, 112
RGB Percent	35%, 45%, 44%
CMY	0.6471, 0.5529, 0.5608
CMYK	0.21, 0.00, 0.02, 0.55
HSL	175°, 12%, 40%
HSV	175°, 21%, 45%
XYZ	13.1584, 15.3781, 17.6040
YIQ	106.5960, -13.6620, -5.7100

Conversions

Conversions Part 2

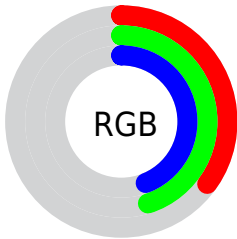
Format	Color
R_{YB}	90, 103, 114
Decimal	5927536
CIE _{Lab}	46.15, -9.22, -1.80
CIE _{LCh}	46, 9.396, 191.068
Yxy	15.3781, 0.2852, 0.3333
Android (android.graphics.Color)	4284117616 (0xFF5A7270)
YUV	106.5960, 2.6642, -14.5547
Hunter-Lab	39.2149, -8.7312, 0.8345

Details

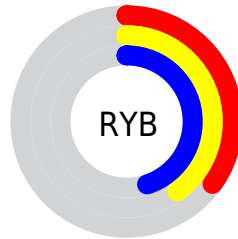
The XYZ color **13.1584, 15.3781, 17.6040** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.5279, 11.6629, 11.7167**, and the grayscale version is **13.8593, 14.5811, 15.8788**.

A 20% lighter version of the original color is **31.3216, 35.6155, 40.3456**, and **3.8699, 4.7802, 5.5692** is the 20% darker color. If you saturate the color by 10%, you get **12.0810, 14.8291, 17.2790**, and if you desaturate by 10%, it is **14.4074, 16.0162, 17.9406**.

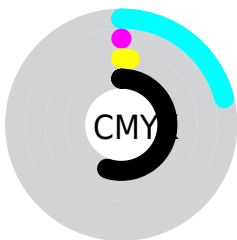
Distribution



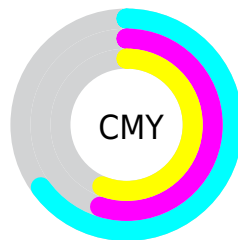
- Red (35%)
- Green (45%)
- Blue (44%)



- Red (35%)
- Yellow (40%)
- Blue (45%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (55%)



- Cyan (65%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1584, 15.3781, 17.6040 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 13.1584, 15.3781, 17.6040 by changing the saturation by 10% instead.

■ 13.1584, 15.3781,
17.6040

■ 13.1584, 15.3781,
17.6040

205.5475,
225.6435, 250.7901

■ 7.6155, 9.0852,
10.4996

■ 31.1870, 35.5151,
40.1662

■ 3.8996, 4.7968,
5.6215

■ 44.4033, 50.1280,
56.4610

■ 1.6455, 2.1285,
2.5513

■ 60.9081, 68.2830,
76.6563

■ 0.4218, 0.6806,
0.8672

■ 81.0669, 90.3645,
101.1708

■ 0.0000, 0.0000,
0.0000

105.2448,
116.7569, 130.4228

133.8073,

147.8446, 164.8310

167.1198,
184.0120, 204.8140

■ 13.1584, 15.3781,
17.6040

■ 13.1584, 15.3781,
17.6040

■ 12.0810, 14.8291,
17.2790

■ 14.4074, 16.0162,
17.9406

■ 11.1660, 14.3635,
16.9642

■ 15.8339, 16.7454,
18.2880

■ 10.4057, 13.9775,
16.6596

■ 17.4450, 17.5697,
18.6471

■ 9.7909, 13.6665,
16.3647

■ 19.2474, 18.4925,
19.0180

■ 9.3117, 13.4252,
16.0789

■ 21.2471, 19.5170,
19.4012

■ 8.9567, 13.2480,
15.8019

■ 23.4500, 20.6461,
19.7968

■ 8.7129, 13.1280,
15.5330

■ 25.8617, 21.8829,
20.2051

■ 8.5415, 13.0447,
15.2969

■ 28.4876, 23.2300,
20.6265

■ 31.3330, 24.6902,
21.0611

Harmonies

Analogous

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



13.2094, 15.3781, 15.3553



13.1584, 15.3781, 17.6040



13.4873, 15.3781, 19.8077

Triad

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



13.1584, 15.3781, 17.6040



15.6503, 15.3781, 20.2894



15.1211, 15.3781, 12.9138

Complementary

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



13.1584, 15.3781, 17.6040



12.5279, 11.6629, 11.7167

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.



15.8069, 15.3781, 14.0140



13.1584, 15.3781, 17.6040



16.1200, 15.3781, 18.2143

Square

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



13.1584, 15.3781, 17.6040



14.9137, 15.3781, 21.4496



16.1784, 15.3781, 15.9127



14.3232, 15.3781, 12.7827

Rectangle

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



13.1584, 15.3781, 17.6040



13.8849, 15.3781, 20.9025



16.1784, 15.3781, 15.9127



15.3732, 15.3781, 13.1775

Sweetspot

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



13.1588, 15.3787, 17.6043



26.5051, 28.7513, 31.8222



12.3170, 15.0694, 11.9327



6.1035, 6.6358, 7.3530



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.



13.1588, 15.3787, 17.6043



22.2171, 26.5618, 30.6701



12.2449, 13.3704, 17.8556



3.4636, 3.8106, 4.2474



9.5051, 14.5196, 17.0125



47.1951, 72.2667, 83.9355

Inverse Universe

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



12.5279, 11.6629, 11.7167



20.9086, 18.8542, 18.4592



13.3043, 13.3539, 11.5496



3.3948, 3.4056, 3.6055



7.7797, 4.0043, 0.6498



38.6132, 19.8906, 2.4955

Previews

White Background



This preview shows how the XYZ color 13.1584, 15.3781, 17.6040 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 13.1584, 15.3781, 17.6040 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 13.1584, 15.3781, 17.6040

Background



This preview shows how black text looks on a background with the XYZ color 13.1584, 15.3781, 17.6040.



This preview shows how white text looks on a background with the XYZ color 13.1584, 15.3781,

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

13.1584, 15.3781, 17.6040

Protanopia

14.7845, 15.4209, 16.6653

Deuteranopia

15.5274, 15.3049, 18.0553



Tritanopia

13.8316, 15.4907, 20.6734

Trichromacy



Original Color

13.1584, 15.3781, 17.6040

Protanomaly

14.0924, 15.3782, 16.9774

Deuteranomaly

14.5127, 15.2553, 17.8025

Tritanomaly

13.4895, 15.3424, 19.3899

Monochromacy



Original Color

13.1584, 15.3781, 17.6040

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.7031, 15.0227, 16.6454

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1584, 15.3781, 17.6040 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(90, 114, 112) looks like.

```
.text, #text, p{  
    color:rgb(90, 114, 112)  
}
```

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(90, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 114, 112) }
```

Border

The CSS property to change the border of an element to XYZ 13.1584, 15.3781, 17.6040 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(90, 114, 112) }
```


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

```
.border{ border-color:rgb(90, 114, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 114, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 114, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 114, 112);  
box-shadow:4px 4px 4px 4px rgb(90, 114,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1584, 15.3781, 17.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 114, 112) }
```

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

```
.background{ background-color: rgb(90, 114,  
112) }
```

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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