

Converting Colors

XYZ(13.1786, 15.3410, 14.7243)

Have a look what the booklet for
XYZ(13.1786, 15.3410, 14.7243)
contains.

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Color

**XYZ(13.1273, 15.2564,
14.8233)**

Conversions

Conversions Part 1

Format	Color
Hex	607166
RGB	96, 113, 102
RGB Percent	38%, 44%, 40%
CMY	0.6235, 0.5569, 0.6000
CMYK	0.15, 0.00, 0.10, 0.56
HSL	141°, 8%, 41%
HSV	141°, 15%, 44%
XYZ	13.1273, 15.2564, 14.8233
YIQ	106.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

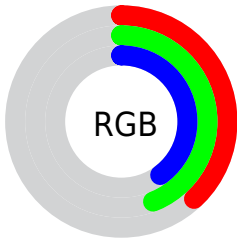
Format	Color
R _Y B	96, 109, 113
Decimal	6320486
CIE Lab	45.98, -8.72, 3.98
CIE LCh	46, 9.583, 155.450
Yxy	15.2564, 0.3038, 0.3531
Android (android.graphics.Color)	4284510566 (0xFF607166)
YUV	106.6630, -2.2989, -9.3515
Hunter-Lab	39.0594, -8.3628, 4.8407

Details

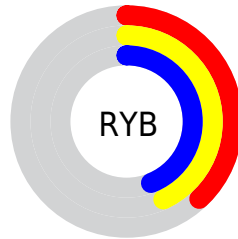
The XYZ color **13.1273, 15.2564, 14.8233** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.6473, 12.9384, 15.6887**, and the grayscale version is **13.8897, 14.6131, 15.9137**.

A 20% lighter version of the original color is **31.2375, 35.4132, 35.3260**, and **3.8953, 4.7345, 4.3230** is the 20% darker color. If you saturate the color by 10%, you get **11.6761, 14.5488, 12.9452**, and if you desaturate by 10%, it is **14.7823, 16.0663, 16.8786**.

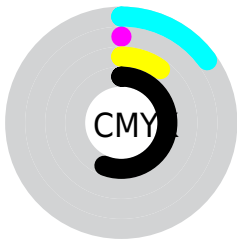
Distribution



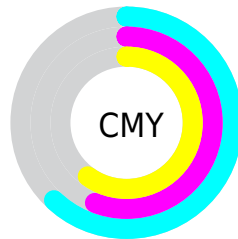
- Red (38%)
- Green (44%)
- Blue (40%)



- Red (38%)
- Yellow (43%)
- Blue (44%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (56%)



- Cyan (62%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 13.1273, 15.2564, 14.8233 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 13.1273, 15.2564, 14.8233 by changing the saturation by 10% instead.

■ 13.1273, 15.2564,
14.8233

■ 13.1273, 15.2564,
14.8233

205.3531,
224.9129, 233.8980

■ 7.5939, 8.9995,
8.5502

■ 31.1317, 35.3024,
35.2808

■ 3.8858, 4.7409,
4.3562

■ 44.3333, 49.8602,
50.3023

■ 1.6377, 2.0960,
1.8227

■ 60.8217, 67.9539,
69.0770

■ 0.4168, 0.6624,
0.4429

■ 80.9623, 89.9678,
92.0235

■ 0.0000, 0.0000,
0.0000

105.1204,
116.2862, 119.5604

133.6613,

147.2936, 152.1060

166.9504,
183.3744, 190.0790

■ 13.1273, 15.2564,
14.8233

■ 13.1273, 15.2564,
14.8233

■ 11.6761, 14.5488,
12.9452

■ 14.7823, 16.0663,
16.8786

■ 10.4192, 13.9373,
11.2387

■ 16.6475, 16.9802,
19.1145

■ 9.3487, 13.4184,
9.6991

■ 18.7304, 18.0026,
21.5358

■ 8.4550, 12.9872,
8.3214

■ 21.0380, 19.1368,
24.1467

■ 7.7281, 12.6388,
7.1003

■ 23.5768, 20.3862,
26.9511

■ 7.1568, 12.3674,
6.0299

■ 26.3531, 21.7538,
29.9530

■ 6.7283, 12.1665,
5.1044

■ 29.3730, 23.2428,
33.1563

■ 6.4208, 12.0251,
4.3168

■ 32.6422, 24.8561,
36.5645

■ 6.2864, 11.9633,
3.9746

■ 36.1664, 26.5965,
40.1813

Harmonies

Analogous

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



13.6145, 15.2564, 13.2308



13.1273, 15.2564, 14.8233



13.0023, 15.2564, 17.0397

Triad

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



13.1273, 15.2564, 14.8233



14.6495, 15.2564, 21.4689



15.8093, 15.2564, 14.1523

Complementary

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



13.1273, 15.2564, 14.8233



13.6473, 12.9384, 15.6887

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.



16.1101, 15.2564, 16.1908



13.1273, 15.2564, 14.8233



15.4247, 15.2564, 20.5242

Square

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



13.1273, 15.2564, 14.8233



13.8621, 15.2564, 21.0168



15.9668, 15.2564, 18.5383



15.1587, 15.2564, 12.8695

Rectangle

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



13.1273, 15.2564, 14.8233



13.1370, 15.2564, 18.6068



15.9668, 15.2564, 18.5383



15.9558, 15.2564, 14.7644

Sweetspot

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



13.1277, 15.2570, 14.8236



26.4414, 28.7545, 30.1888



14.0865, 15.7844, 13.3708



6.0761, 6.6309, 6.9342



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.



13.1277, 15.2570, 14.8236



22.5730, 26.8634, 25.3522



13.5686, 15.4334, 17.1451



3.3892, 3.7809, 3.8557



7.1217, 13.5662, 4.4616



35.1002, 67.4287, 20.2447

Inverse Universe

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



13.6473, 12.9384, 15.6887



23.6900, 21.8786, 27.2112



13.2241, 12.7691, 13.4599



3.4668, 3.4344, 3.9850



9.0841, 4.5260, 7.5189



44.8315, 22.3779, 35.2406

Previews

White Background



This preview shows how the XYZ color 13.1273, 15.2564, 14.8233 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 13.1273, 15.2564, 14.8233 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 13.1273, 15.2564, 14.8233

Background



This preview shows how black text looks on a background with the XYZ color 13.1273, 15.2564, 14.8233.



This preview shows how white text looks on a background with the XYZ color 13.1273, 15.2564,

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

13.1273, 15.2564, 14.8233

Protanopia

14.4247, 15.1367, 13.9658

Deuteranopia

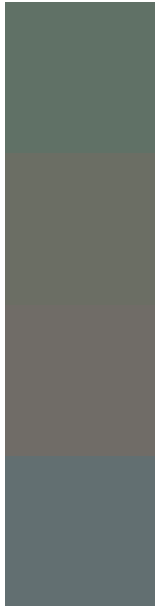
15.4354, 15.1676, 15.2108



Tritanopia

14.0513, 15.1364, 19.6338

Trichromacy



Original Color

13.1273, 15.2564, 14.8233

Protanomaly

13.9396, 15.1978, 14.2554

Deuteranomaly

14.4928, 15.1491, 14.9922

Tritanomaly

13.7021, 15.1578, 17.8264

Monochromacy



Original Color

13.1273, 15.2564, 14.8233

Achromatopsia

13.9749, 14.7027, 16.0113

Achromatomaly

13.6120, 14.8408, 15.5117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.1273, 15.2564, 14.8233 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(96, 113, 102) looks like.

```
.text, #text, p{  
    color:rgb(96, 113, 102)  
}
```

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(96, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 113, 102) }
```

Border

The CSS property to change the border of an element to XYZ 13.1273, 15.2564, 14.8233 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(96, 113, 102) }
```


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

```
.border{ border-color:rgb(96, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(96, 113,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 13.1273, 15.2564, 14.8233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 113, 102) }
```

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

```
.background{ background-color: rgb(96, 113,  
102) }
```

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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