

Converting Colors

XYZ(15.6127, 16.5547, 13.2887)

Have a look what the booklet for
XYZ(15.6127, 16.5547, 13.2887)
contains.

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Color

**XYZ(15.5784, 16.5584,
13.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	77715F
RGB	119, 113, 95
RGB Percent	47%, 44%, 37%
CMY	0.5333, 0.5569, 0.6274
CMYK	0.00, 0.05, 0.20, 0.53
HSL	45°, 11%, 42%
HSV	45°, 20%, 47%
XYZ	15.5784, 16.5584, 13.2015
YIQ	112.7420, 9.3540, -4.3260

Conversions

Conversions Part 2

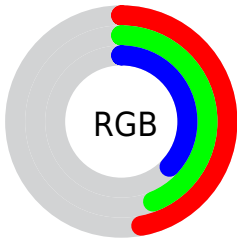
Format	Color
RYB	103, 119, 95
Decimal	7827807
CIELab	47.70, -0.93, 10.84
CIELCh	48, 10.877, 94.920
Yxy	16.5584, 0.3436, 0.3652
Android (android.graphics.Color)	4286017887 (0xFF77715F)
YUV	112.7420, -8.7468, 5.4883
Hunter-Lab	40.6920, -2.8747, 9.2493

Details

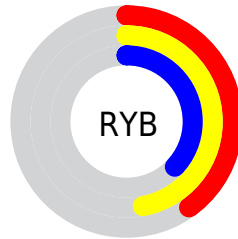
The XYZ color **15.5784, 16.5584, 13.2015** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7027, 13.0718, 19.3064**, and the grayscale version is **15.6431, 16.4577, 17.9225**.

A 20% lighter version of the original color is **35.3606, 37.6125, 32.1843**, and **4.9705, 5.3044, 3.6676** is the 20% darker color. If you saturate the color by 10%, you get **14.7521, 15.7063, 10.4582**, and if you desaturate by 10%, it is **16.4991, 17.4668, 16.3845**.

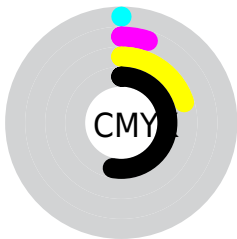
Distribution



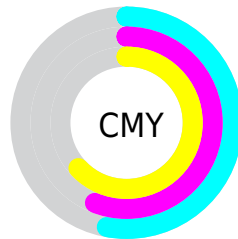
- Red (47%)
- Green (44%)
- Blue (37%)



- Red (40%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (53%)



- Cyan (53%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5784, 16.5584, 13.2015 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 15.5784, 16.5584, 13.2015 by changing the saturation by 10% instead.

■ 15.5784, 16.5584,
13.2015

■ 15.5784, 16.5584,
13.2015

220.1606,
232.6145, 223.4580

■ 9.3153, 9.9201,
7.4351

■ 35.4281, 37.5649,
32.3618

■ 5.0061, 5.3460,
3.6531

■ 49.7454, 52.7020,
46.5928

■ 2.2857, 2.4517,
1.4370

■ 67.4781, 71.4408,
64.4823

■ 0.7873, 0.8523,
0.1704

■ 88.9916, 94.1657,
86.4490

■ 0.0000, 0.0000,
0.0000

114.6513,
121.2612, 112.9114

144.8224,

153.1115, 144.2880

179.8704,
190.1012, 180.9974

■ 15.5784, 16.5584,
13.2015

■ 15.5784, 16.5584,
13.2015

■ 14.7521, 15.7063,
10.4582

■ 16.4991, 17.4668,
16.3845

■ 14.0151, 14.9065,
8.1337

■ 17.5165, 18.4309,
20.0245

■ 13.3636, 14.1581,
6.2072

■ 18.6344, 19.4529,
24.1393

■ 12.7932, 13.4589,
4.6555

■ 19.8562, 20.5343,
28.7454

■ 12.2990, 12.8070,
3.4532

■ 21.1847, 21.6765,
33.8585

■ 11.8753, 12.1998,
2.5714

■ 22.6230, 22.8808,
39.4936

■ 11.5158, 11.6347,
1.9771

■ 24.1739, 24.1484,
45.6651

■ 11.2022, 11.1107,
1.5542

■ 25.8401, 25.4807,
52.3868

■ 27.6243, 26.8787,
59.6720

Harmonies

Analogous

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



16.5445, 16.5584, 13.5997



15.5784, 16.5584, 13.2015



14.6917, 16.5584, 13.9840

Triad

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



15.5784, 16.5584, 13.2015



14.2539, 16.5584, 21.2728



17.4939, 16.5584, 20.3966

Complementary

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



15.5784, 16.5584, 13.2015



12.7027, 13.0718, 19.3064

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.



16.8334, 16.5584, 22.7880



15.5784, 16.5584, 13.2015



14.9586, 16.5584, 23.3293

Square

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



15.5784, 16.5584, 13.2015



13.9473, 16.5584, 18.4926



15.8992, 16.5584, 23.9103



17.6763, 16.5584, 17.5738

Rectangle

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



15.5784, 16.5584, 13.2015



14.2567, 16.5584, 15.1225



15.8992, 16.5584, 23.9103



17.3191, 16.5584, 21.2866

Sweetspot

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



15.5788, 16.5591, 13.2019



30.2555, 31.9590, 31.8568



14.0491, 13.0461, 14.0898



7.1492, 7.5539, 7.4747



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.5788, 16.5591, 13.2019



27.2194, 28.9624, 21.3632



15.4725, 17.5306, 13.3950



3.8929, 4.1187, 3.9321



11.8939, 11.7890, 1.6486



57.2554, 56.0393, 7.7990

Inverse Universe

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



12.7027, 13.0718, 19.3064



21.1237, 21.5722, 34.3036



12.7890, 12.2833, 19.1496



3.5681, 3.7249, 4.6212



4.0169, 2.3735, 18.7890



18.9866, 10.3898, 91.3650

Previews

White Background



This preview shows how the XYZ color 15.5784, 16.5584, 13.2015 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 15.5784, 16.5584, 13.2015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

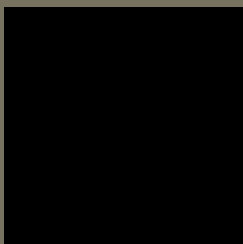
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

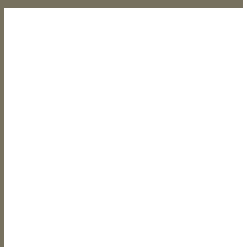
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5784, 16.5584, 13.2015

Background



This preview shows how black text looks on a background with the XYZ color 15.5784, 16.5584, 13.2015.



This preview shows how white text looks on a background with the XYZ color 15.5784, 16.5584,

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

15.5784, 16.5584, 13.2015

Protanopia

15.5784, 16.5584, 13.2015

Deuteranopia

16.7859, 16.5276, 13.3718



Tritanopia

16.8720, 16.5974, 19.4539

Trichromacy



Original Color

15.5784, 16.5584, 13.2015

Protanomaly

15.5784, 16.5584, 13.2015

Deuteranomaly

16.2914, 16.4320, 13.3794

Tritanomaly

16.3841, 16.5596, 17.0846

Monochromacy



Original Color

15.5784, 16.5584, 13.2015

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.5769, 16.4957, 15.9987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5784, 16.5584, 13.2015 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(119, 113, 95)` looks like.

```
.text, #text, p{  
    color:rgb(119, 113, 95)  
}
```

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(119, 113, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 113, 95) }
```

Border

The CSS property to change the border of an element to XYZ 15.5784, 16.5584, 13.2015 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(119, 113, 95) }
```


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

```
.border{ border-color:rgb(119, 113, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 113, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 113, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 113, 95);  
box-shadow:4px 4px 4px 4px rgb(119, 113,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5784, 16.5584, 13.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 113, 95) }
```

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

```
.background{ background-color: rgb(119,  
113, 95) }
```

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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