

Converting Colors

XYZ(15.2608, 15.9558, 19.9971)

Have a look what the booklet for
XYZ(15.2608, 15.9558, 19.9971)
contains.

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Color

**XYZ(15.2589, 15.9131,
20.0366)**

Conversions

Conversions Part 1

Format	Color
Hex	6C6F78
RGB	108, 111, 120
RGB Percent	42%, 44%, 47%
CMY	0.5765, 0.5647, 0.5294
CMYK	0.10, 0.07, 0.00, 0.53
HSL	225°, 5%, 45%
HSV	225°, 10%, 47%
XYZ	15.2589, 15.9131, 20.0366
YIQ	111.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

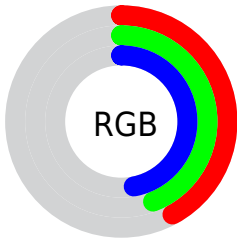
Format	Color
R_{YB}	108, 110, 120
Decimal	7106424
CIE Lab	46.86, 0.80, -5.38
CIE LCh	47, 5.438, 278.435
Yxy	15.9131, 0.2980, 0.3108
Android (android.graphics.Color)	4285296504 (0xFF6C6F78)
YUV	111.1290, 4.3734, -2.7441
Hunter-Lab	39.8912, -1.5311, -1.8564

Details

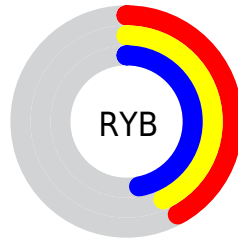
The XYZ color **15.2589, 15.9131, 20.0366** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8137, 17.7980, 16.7367**, and the grayscale version is **15.1359, 15.9242, 17.3414**.

A 20% lighter version of the original color is **34.8417, 36.5439, 44.2470**, and **4.8717, 5.0150, 6.8421** is the 20% darker color. If you saturate the color by 10%, you get **12.9660, 13.3467, 19.6623**, and if you desaturate by 10%, it is **17.8526, 18.7823, 20.4540**.

Distribution



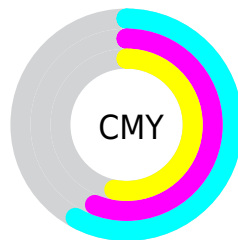
- Red (42%)
- Green (44%)
- Blue (47%)



- Red (42%)
- Yellow (43%)
- Blue (47%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2589, 15.9131, 20.0366 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 15.2589, 15.9131, 20.0366 by changing the saturation by 10% instead.

■ 15.2589, 15.9131,
20.0366

■ 15.2589, 15.9131,
20.0366

218.2854,
228.8284, 264.7240

■ 9.0888, 9.4627,
12.2373

■ 34.8747, 36.4473,
44.3383

■ 4.8567, 5.0442,
6.7810

■ 49.0510, 51.2998,
61.6778

■ 2.1973, 2.2732,
3.2492

■ 66.6269, 69.7219,
83.0345

■ 0.7413, 0.7595,
1.2232

■ 87.9675, 92.0978,
108.8268

■ 0.0000, 0.0000,
0.0000

113.4383,
118.8120, 139.4734

143.4047,

150.2489, 175.3928

178.2319,
186.7929, 217.0034

■ 15.2589, 15.9131,
20.0366

■ 15.2589, 15.9131,
20.0366

■ 12.9660, 13.3467,
19.6623

■ 17.8526, 18.7823,
20.4540

■ 10.9614, 11.0709,
19.3287

■ 20.7561, 21.9618,
20.9146

■ 9.2338, 9.0760,
19.0347

■ 23.9799, 25.4613,
21.4202

■ 7.7706, 7.3505,
18.7788

■ 27.5334, 29.2896,
21.9718

■ 6.5582, 5.8826,
18.5593

■ 31.4259, 33.4551,
22.5707

■ 5.5817, 4.6590,
18.3746

■ 35.6660, 37.9659,
23.2179

■ 4.8246, 3.6657,
18.2228

■ 40.2622, 42.8298,
23.9145

■ 4.2680, 2.8867,
18.1018

■ 45.2227, 48.0543,
24.6615

■ 3.8551, 2.2858,
18.0076

■ 50.5553, 53.6468,
25.4599

Harmonies

Analogous

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



14.7927, 15.9131, 19.8670



15.2589, 15.9131, 20.0366



15.6981, 15.9131, 19.4509

Triad

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



15.2589, 15.9131, 20.0366



15.8495, 15.9131, 15.7555



14.2937, 15.9131, 16.3857

Complementary

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



15.2589, 15.9131, 20.0366



16.8137, 17.7980, 16.7367

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.



14.5659, 15.9131, 15.3630



15.2589, 15.9131, 20.0366



15.4621, 15.9131, 15.0126

Square

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



15.2589, 15.9131, 20.0366



16.0437, 15.9131, 16.9469



14.9917, 15.9131, 14.8728



14.2419, 15.9131, 17.7121

Rectangle

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



15.2589, 15.9131, 20.0366



15.9142, 15.9131, 18.7280



14.9917, 15.9131, 14.8728



14.3622, 15.9131, 15.9970

Sweetspot

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



15.2594, 15.9138, 20.0370



29.9401, 31.4263, 35.7409



16.1001, 17.9010, 19.3749



7.0162, 7.3601, 8.4575



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.



15.2594, 15.9138, 20.0370



25.8670, 26.9072, 35.0833



15.2833, 15.4479, 19.9458



3.8716, 4.0415, 5.0192



4.1953, 2.4731, 19.6415



19.4286, 10.6298, 93.4975

Inverse Universe

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



15.9779, 15.8661, 17.2601



27.4016, 26.8211, 29.1488



16.7865, 18.3117, 16.8373



4.0356, 4.0300, 4.3854



8.7009, 4.4565, 1.7161



41.2098, 21.1403, 6.6348

Previews

White Background



This preview shows how the XYZ color 15.2589, 15.9131, 20.0366 looks on a white background.

Color Contrast Check

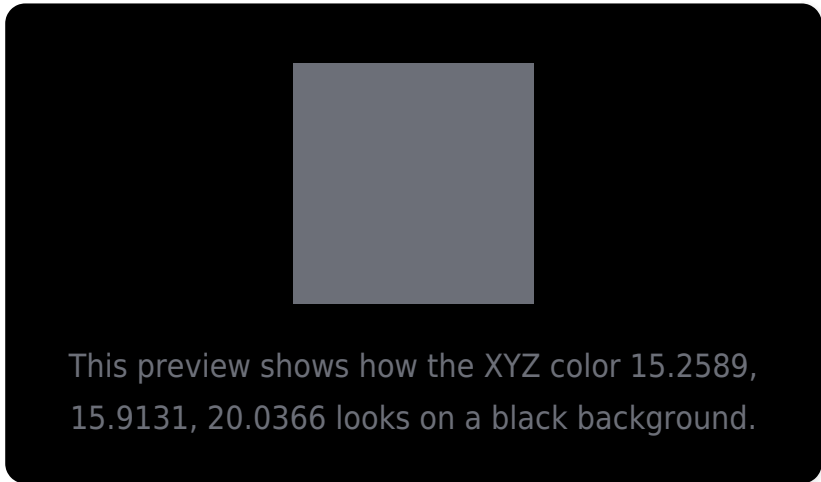
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

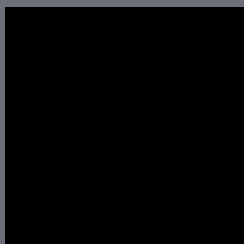
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

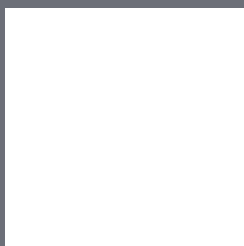
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.2589, 15.9131, 20.0366

Background



This preview shows how black text looks on a background with the XYZ color 15.2589, 15.9131, 20.0366.



This preview shows how white text looks on a background with the XYZ color 15.2589, 15.9131,

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

15.2589, 15.9131, 20.0366

Protanopia

15.3965, 15.8229, 20.0119

Deuteranopia

16.1499, 15.8875, 20.3046



Tritanopia

15.2589, 15.9131, 20.0366

Trichromacy



Original Color

15.2589, 15.9131, 20.0366

Protanomaly

15.2728, 15.7591, 20.0062

Deuteranomaly

15.8593, 15.8952, 20.3214

Tritanomaly

15.2589, 15.9131, 20.0366

Monochromacy



Original Color

15.2589, 15.9131, 20.0366

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.1521, 15.8988, 18.1898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2589, 15.9131, 20.0366 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(108, 111, 120)` looks like.

```
.text, #text, p{  
    color:rgb(108, 111, 120)  
}
```

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(108, 111, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 111, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.2589, 15.9131, 20.0366 is called "border". The border property can be set on classes, ids or directly on the HTML element.

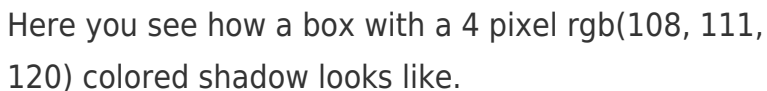
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 111, 120) }
```


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

```
.border{ border-color:rgb(108, 111, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 111, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 111, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 111, 120); box-shadow:4px 4px 4px 4px rgb(108, 111, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2589, 15.9131, 20.0366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 111, 120) }
```

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

```
.background{ background-color: rgb(108,  
111, 120) }
```

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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