

Converting Colors

XYZ(15.3287, 15.7200, 19.6341)

Have a look what the booklet for
XYZ(15.3287, 15.7200, 19.6341)
contains.

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Color

**XYZ(15.3361, 15.7988,
19.6939)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6E77
RGB	110, 110, 119
RGB Percent	43%, 43%, 47%
CMY	0.5686, 0.5686, 0.5333
CMYK	0.08, 0.08, 0.00, 0.53
HSL	240°, 4%, 45%
HSV	240°, 8%, 47%
XYZ	15.3361, 15.7988, 19.6939
YIQ	111.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

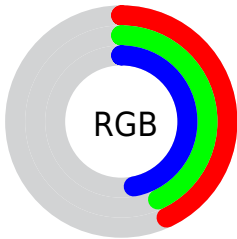
Format	Color
R_{YB}	110, 110, 119
Decimal	7237239
CIE _{Lab}	46.71, 1.91, -4.99
CIE _{LCh}	47, 5.338, 290.912
Yxy	15.7988, 0.3017, 0.3108
Android (android.graphics.Color)	4285427319 (0xFF6E6E77)
YUV	111.0260, 3.9312, -0.8998
Hunter-Lab	39.7477, -0.6867, -1.5532

Details

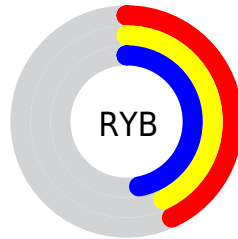
The XYZ color **15.3361, 15.7988, 19.6939** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0190, 18.2411, 17.3759**, and the grayscale version is **15.1069, 15.8937, 17.3082**.

A 20% lighter version of the original color is **35.1713, 36.4623, 43.7123**, and **4.9014, 5.0341, 6.6746** is the 20% darker color. If you saturate the color by 10%, you get **12.7553, 12.6894, 19.2300**, and if you desaturate by 10%, it is **18.2891, 19.3568, 20.2253**.

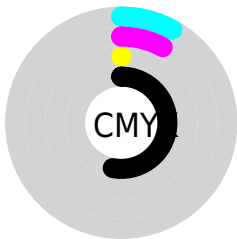
Distribution



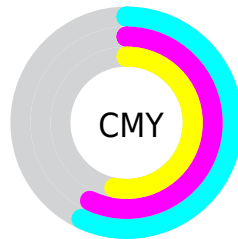
- Red (43%)
- Green (43%)
- Blue (47%)



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



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3361, 15.7988, 19.6939 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 15.3361, 15.7988, 19.6939 by changing the saturation by 10% instead.

■ 15.3361, 15.7988,
19.6939

■ 15.3361, 15.7988,
19.6939

218.7399,
228.1515, 262.8024

■ 9.1435, 9.3819,
11.9909

■ 35.0086, 36.2486,
43.7556

■ 4.8927, 4.9911,
6.6150

■ 49.2191, 51.0502,
60.9513

■ 2.2186, 2.2420,
3.1477

■ 66.8330, 69.4155,
82.1484

■ 0.7525, 0.7428,
1.1706

■ 88.2155, 91.7290,
107.7653

■ 0.0000, 0.0000,
0.0000

113.7322,
118.3749, 138.2206

143.7482,

149.7377, 173.9329

178.6290,
186.2018, 215.3206

■ 15.3361, 15.7988,
19.6939

■ 15.3361, 15.7988,
19.6939

■ 12.7553, 12.6894,
19.2300

■ 18.2891, 19.3568,
20.2253

■ 10.5305, 10.0088,
18.8299

■ 21.6267, 23.3781,
20.8255

■ 8.6467, 7.7390,
18.4910

■ 25.3626, 27.8792,
21.4974

■ 7.0869, 5.8595,
18.2105

■ 29.5093, 32.8752,
22.2432

■ 5.8329, 4.3485,
17.9849

■ 34.0788, 38.3806,
23.0650

■ 4.8646, 3.1817,
17.8107

■ 39.0825, 44.4091,
23.9649

■ 4.1595, 2.3321,
17.6839

■ 44.5316, 50.9742,
24.9449

■ 3.6919, 1.7686,
17.5997

■ 50.4366, 58.0886,
26.0069

■ 3.3979, 1.4142,
17.5469

■ 56.8080, 65.7647,
27.1527

Harmonies

Analogous

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



14.8762, 15.7988, 19.8430



15.3361, 15.7988, 19.6939



15.7175, 15.7988, 18.8593

Triad

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



15.3361, 15.7988, 19.6939



15.5843, 15.7988, 15.2993



14.1548, 15.7988, 16.8029

Complementary

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



15.3361, 15.7988, 19.6939



17.0190, 18.2411, 17.3759

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.



14.3362, 15.7988, 15.6451



15.3361, 15.7988, 19.6939



15.1573, 15.7988, 14.8068

Square

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



15.3361, 15.7988, 19.6939



15.8628, 15.7988, 16.3086



14.7009, 15.7988, 14.9301



14.2004, 15.7988, 18.1278

Rectangle

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



15.3361, 15.7988, 19.6939



15.8729, 15.7988, 18.0490



14.7009, 15.7988, 14.9301



14.1911, 15.7988, 16.3823

Sweetspot

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



15.3366, 15.7995, 19.6942



30.2937, 31.7024, 35.7756



16.3482, 17.8372, 19.9871



7.1985, 7.5363, 8.4819



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.



15.3366, 15.7995, 19.6942



26.6478, 27.3097, 35.1199



15.8910, 16.0849, 19.7201



3.5007, 3.5900, 4.5987



3.5380, 1.4157, 18.6294



17.2403, 6.8972, 90.7829

Inverse Universe

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



15.9985, 16.1999, 17.0364



28.0787, 28.1752, 29.3744



16.4358, 17.9408, 17.3487



3.6840, 3.7009, 3.8626



8.0830, 4.1669, 0.3791



39.3888, 20.3057, 1.8451

Previews

White Background



This preview shows how the XYZ color 15.3361, 15.7988, 19.6939 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 15.3361, 15.7988, 19.6939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

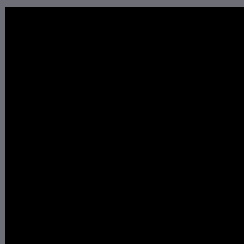
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

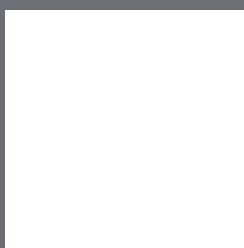
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3361, 15.7988, 19.6939

Background



This preview shows how black text looks on a background with the XYZ color 15.3361, 15.7988, 19.6939.



This preview shows how white text looks on a background with the XYZ color 15.3361, 15.7988,

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

15.3361, 15.7988, 19.6939

Protanopia

15.3361, 15.7988, 19.6939

Deuteranopia

16.0285, 15.8389, 19.6652



Tritanopia

15.3361, 15.7988, 19.6939

Trichromacy

**Original Color**

15.3361, 15.7988, 19.6939

Protanomaly

15.3361, 15.7988, 19.6939

Deuteranomaly

15.7378, 15.8466, 19.6820

Tritanomaly

15.3361, 15.7988, 19.6939

Monochromacy

**Original Color**

15.3361, 15.7988, 19.6939

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2772, 15.9633, 18.1956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3361, 15.7988, 19.6939 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(110, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(110, 110, 119)  
}
```

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(110, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 110, 119) }
```

Border

The CSS property to change the border of an element to XYZ 15.3361, 15.7988, 19.6939 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(110, 110, 119) }
```


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

```
.border{ border-color:rgb(110, 110, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 110, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(110, 110,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3361, 15.7988, 19.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 110, 119) }
```

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

```
.background{ background-color: rgb(110,  
110, 119) }
```

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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