

Converting Colors

XYZ(15.1057, 15.3362, 19.8856)

Have a look what the booklet for
XYZ(15.1057, 15.3362, 19.8856)
contains.

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Color

**XYZ(15.1831, 15.3962,
19.9408)**

Conversions

Conversions Part 1

Format	Color
Hex	6E6C78
RGB	110, 108, 120
RGB Percent	43%, 42%, 47%
CMY	0.5686, 0.5765, 0.5294
CMYK	0.08, 0.10, 0.00, 0.53
HSL	250°, 5%, 45%
HSV	250°, 10%, 47%
XYZ	15.1831, 15.3962, 19.9408
YIQ	109.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

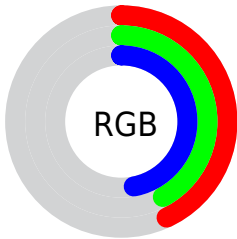
Format	Color
R _Y B	110, 108, 120
Decimal	7236728
CIE Lab	46.17, 3.31, -6.38
CIE LCh	46, 7.192, 297.428
Yxy	15.3962, 0.3005, 0.3048
Android (android.graphics.Color)	4285426808 (0xFF6E6C78)
YUV	109.9660, 4.9468, 0.0298
Hunter-Lab	39.2380, 0.4039, -2.6647

Details

The XYZ color **15.1831, 15.3962, 19.9408** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8951, 18.3676, 16.8430**, and the grayscale version is **14.7984, 15.5691, 16.9548**.

A 20% lighter version of the original color is **34.7448, 35.4562, 44.0422**, and **4.8250, 4.8295, 6.8088** is the 20% darker color. If you saturate the color by 10%, you get **12.8287, 12.4316, 19.4929**, and if you desaturate by 10%, it is **17.8531, 18.7830, 20.4540**.

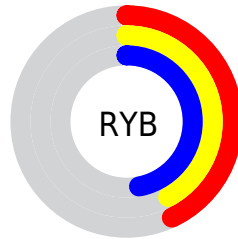
Distribution



Red (43%)

Green (42%)

Blue (47%)



Red (43%)

Yellow (42%)

Blue (47%)

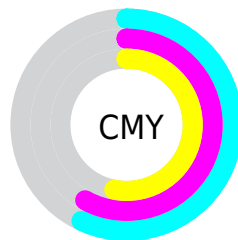


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (58%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1831, 15.3962, 19.9408 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 15.1831, 15.3962, 19.9408 by changing the saturation by 10% instead.

■ 15.1831, 15.3962,
19.9408

■ 15.1831, 15.3962,
19.9408

217.8383,
225.7519, 264.1881

■ 9.0351, 9.0979,
12.1684

■ 34.7431, 35.5467,
44.1756

■ 4.8214, 4.8051,
6.7345

■ 48.8858, 50.1678,
61.4750

■ 2.1765, 2.1334,
3.2207

■ 66.4242, 68.3319,
82.7872

■ 0.7303, 0.6833,
1.2084

■ 87.7236, 90.4235,
108.5306

■ 0.0000, 0.0000,
0.0000

113.1494,
116.8268, 139.1239

143.0668,

147.9264, 174.9855

177.8413,
184.1067, 216.5341

■ 15.1831, 15.3962,
19.9408

■ 15.1831, 15.3962,
19.9408

■ 12.8287, 12.4316,
19.4929

■ 17.8531, 18.7830,
20.4540

■ 10.7769, 9.8707,
19.1067

■ 20.8485, 22.6056,
21.0340

■ 9.0156, 7.6964,
18.7799

■ 24.1802, 26.8795,
21.6833

■ 7.5315, 5.8899,
18.5094

■ 27.8584, 31.6189,
22.4043

■ 6.3102, 4.4306,
18.2921

■ 31.8927, 36.8372,
23.1989

■ 5.3360, 3.2958,
18.1244

■ 36.2924, 42.5473,
24.0692

■ 4.5915, 2.4603,
18.0024

■ 41.0663, 48.7618,
25.0171

■ 4.0567, 1.8949,
17.9214

■ 46.2231, 55.4927,
26.0444

■ 3.6784, 1.5047,
17.8661

■ 51.7712, 62.7515,
27.1531

Harmonies

Analogous

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



14.5808, 15.3962, 20.3658



15.1831, 15.3962, 19.9408



15.6492, 15.3962, 18.6469

Triad

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



15.1831, 15.3962, 19.9408



15.2771, 15.3962, 14.0780



13.4879, 15.3962, 16.6129

Complementary

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



15.1831, 15.3962, 19.9408



16.8951, 18.3676, 16.8430

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.



13.6630, 15.3962, 15.0121



15.1831, 15.3962, 19.9408



14.6866, 15.3962, 13.6138

Square

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



15.1831, 15.3962, 19.9408



15.7045, 15.3962, 15.2570



14.0976, 15.3962, 13.9436



13.6126, 15.3962, 18.3667

Rectangle

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



15.1831, 15.3962, 19.9408



15.8140, 15.3962, 17.5091



14.0976, 15.3962, 13.9436



13.5135, 15.3962, 16.0400

Sweetspot

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



15.1836, 15.3969, 19.9411



29.8960, 31.1235, 35.6848



16.0770, 17.5487, 20.3094



7.0034, 7.2722, 8.4412



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.



15.1836, 15.3969, 19.9411



25.7058, 25.8182, 34.8816



15.9292, 15.7812, 19.9760



3.8541, 3.9227, 4.9972



4.0036, 1.6367, 19.4902



18.5984, 7.5498, 92.9468

Inverse Universe

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



16.3789, 16.0269, 19.3707



28.2563, 27.1630, 33.6496



16.1313, 17.9739, 16.8073



4.1272, 4.0666, 4.8675



10.9562, 5.3586, 13.5921



51.9927, 25.4534, 63.4168

Previews

White Background



This preview shows how the XYZ color 15.1831, 15.3962, 19.9408 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 15.1831, 15.3962, 19.9408 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 15.1831, 15.3962, 19.9408

Background



This preview shows how black text looks on a background with the XYZ color 15.1831, 15.3962, 19.9408.



This preview shows how white text looks on a background with the XYZ color 15.1831, 15.3962,

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

15.1831, 15.3962, 19.9408

Protanopia

15.0431, 15.4815, 19.9647

Deuteranopia

15.6144, 15.3090, 19.9013



Tritanopia

15.0039, 15.3245, 18.9968

Trichromacy



Original Color

15.1831, 15.3962, 19.9408

Protanomaly

15.1655, 15.5446, 19.9704

Deuteranomaly

15.4579, 15.3822, 19.9236

Tritanomaly

15.0630, 15.3481, 19.3081

Monochromacy



Original Color

15.1831, 15.3962, 19.9408

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9363, 15.4672, 18.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1831, 15.3962, 19.9408 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, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(110, 108, 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(110, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 108, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.1831, 15.3962, 19.9408 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, 108, 120) }
```


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

```
.border{ border-color:rgb(110, 108, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 108, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(110, 108,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1831, 15.3962, 19.9408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 108, 120) }
```

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

```
.background{ background-color: rgb(110,  
108, 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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