

Converting Colors

XYZ(15.1444, 19.4078, 27.3742)

Have a look what the booklet for
XYZ(15.1444, 19.4078, 27.3742)
contains.

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Color

**XYZ(15.0912, 19.2900,
27.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	43838B
RGB	67, 131, 139
RGB Percent	26%, 51%, 55%
CMY	0.7372, 0.4863, 0.4549
CMYK	0.52, 0.06, 0.00, 0.45
HSL	187°, 35%, 40%
HSV	187°, 52%, 55%
XYZ	15.0912, 19.2900, 27.3540
YIQ	112.7760, -40.7120, -11.0800

Conversions

Conversions Part 2

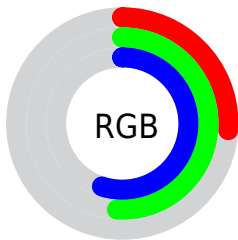
Format	Color
R _Y B	67, 101, 139
Decimal	4424587
CIE Lab	51.02, -18.15, -10.64
CIE LCh	51, 21.039, 210.371
Yxy	19.2900, 0.2445, 0.3125
Android (android.graphics.Color)	4282614667 (0xFF43838B)
YUV	112.7760, 12.9284, -40.1456
Hunter-Lab	43.9204, -15.5274, -6.1821

Details

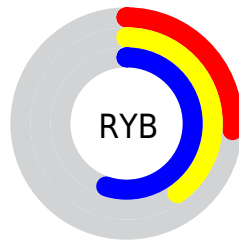
The XYZ color **15.0912, 19.2900, 27.3540** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.1769, 10.9266, 6.6724**, and the grayscale version is **15.6018, 16.4143, 17.8751**.

A 20% lighter version of the original color is **34.5401, 42.1517, 56.1848**, and **4.7456, 6.6061, 10.4762** is the 20% darker color. If you saturate the color by 10%, you get **14.0446, 18.4453, 27.2465**, and if you desaturate by 10%, it is **16.3708, 20.2603, 27.4742**.

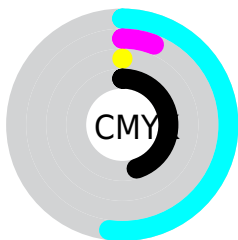
Distribution



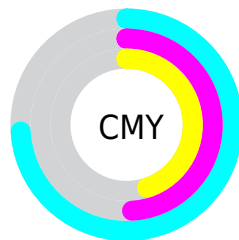
- Red (26%)
- Green (51%)
- Blue (55%)



- Red (26%)
- Yellow (40%)
- Blue (55%)



- Cyan (52%)
- Magenta (6%)
- Yellow (0%)
- Black (45%)



- Cyan (74%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0912, 19.2900, 27.3540 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 15.0912, 19.2900, 27.3540 by changing the saturation by 10% instead.

■ 15.0912, 19.2900,
27.3540

■ 15.0912, 19.2900,
27.3540

217.2950,
248.0451, 303.1813

■ 8.9702, 11.8800,
17.6045

■ 34.5834, 42.2236,
56.4620

■ 4.7787, 6.6620,
10.4999

■ 48.6853, 58.5159,
76.6576

■ 2.1514, 3.2516,
5.6217

■ 66.1782, 78.5379,
101.1723

■ 0.7169, 1.2645,
2.5514

■ 87.4275, 102.6738,
130.4247

■ 0.0000, 0.1134,
0.8672

■ 112.7984,
131.3081, 164.8332

■ 0.0000, 0.0000,
0.0000

142.6564,

164.8251, 204.8164

177.3668,
203.6093, 250.7930

■ 15.0912, 19.2900,
27.3540

■ 15.0912, 19.2900,
27.3540

■ 14.0446, 18.4453,
27.2465

■ 16.3708, 20.2603,
27.4742

■ 13.2126, 17.7153,
27.1494

■ 17.8967, 21.3617,
27.6064

■ 12.5769, 17.0911,
27.0624

■ 19.6832, 22.6021,
27.7516

■ 12.1152, 16.5612,
26.9845

■ 21.7431, 23.9881,
27.9106

■ 11.8128, 16.1691,
26.9248

■ 24.0881, 25.5257,
28.0838

■ 26.7294, 27.2208,
28.2717

■ 29.6777, 29.0789,
28.4750

■ 32.9429, 31.1050,
28.6940

■ 36.5347, 33.3043,
28.9292

Harmonies

Analogous

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



14.6136, 19.2900, 21.0779



15.0912, 19.2900, 27.3540



16.4247, 19.2900, 32.6368

Triad

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



15.0912, 19.2900, 27.3540



22.0415, 19.2900, 27.2008



18.3086, 19.2900, 11.4936

Complementary

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



15.0912, 19.2900, 27.3540



14.1769, 10.9266, 6.6724

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.



20.3870, 19.2900, 12.5265



15.0912, 19.2900, 27.3540



22.6389, 19.2900, 20.9293

Square

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



15.0912, 19.2900, 27.3540



20.4353, 19.2900, 32.5373



22.0122, 19.2900, 15.7209



16.3830, 19.2900, 12.5792

Rectangle

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



15.0912, 19.2900, 27.3540



17.6727, 19.2900, 34.4655



22.0122, 19.2900, 15.7209



19.0128, 19.2900, 11.6019

Sweetspot

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



15.0918, 19.2907, 27.3545



37.1968, 41.7955, 49.8498



12.7905, 20.1560, 9.7307



8.4193, 9.5284, 11.4749



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.0918, 19.2907, 27.3545



24.8956, 32.8160, 48.7650



11.1400, 11.3871, 26.0372



5.1262, 5.5954, 6.4157



10.6691, 14.6086, 24.3031



0.0771, 0.1096, 0.1635

Inverse Universe

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



16.7518, 11.1424, 22.7414



28.3056, 16.9102, 39.1018



17.2585, 17.0897, 7.6996



5.2103, 5.1196, 6.1960



12.8721, 6.2590, 17.6286



0.0887, 0.0428, 0.1338

Previews

White Background



This preview shows how the XYZ color 15.0912, 19.2900, 27.3540 looks on a white 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

Black Background



This preview shows how the XYZ color 15.0912, 19.2900, 27.3540 looks on a black 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

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

XYZ 15.0912, 19.2900, 27.3540

Background



This preview shows how black text looks on a background with the XYZ color 15.0912, 19.2900, 27.3540.



This preview shows how white text looks on a background with the XYZ color 15.0912, 19.2900,

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

15.0912, 19.2900, 27.3540

Protanopia

18.6271, 19.0920, 24.5332

Deuteranopia

19.5293, 19.1208, 28.2526



Tritanopia

15.3079, 19.3846, 28.1341

Trichromacy



Original Color

15.0912, 19.2900, 27.3540

Protanomaly

16.9477, 18.9313, 25.6825

Deuteranomaly

17.4842, 18.9726, 27.9399

Tritanomaly

15.2338, 19.3550, 27.7439

Monochromacy



Original Color

15.0912, 19.2900, 27.3540

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.0532, 17.3249, 20.9630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0912, 19.2900, 27.3540 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(67, 131, 139)` looks like.

```
.text, #text, p{  
    color:rgb(67, 131, 139)  
}
```

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(67, 131, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 131, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.0912, 19.2900, 27.3540 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(67, 131, 139) }
```


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

```
.border{ border-color:rgb(67, 131, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 131, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 131, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 131, 139);  
box-shadow:4px 4px 4px 4px rgb(67, 131,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0912, 19.2900, 27.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 131, 139) }
```

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

```
.background{ background-color: rgb(67, 131,  
139) }
```

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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