

Converting Colors

XYZ(15.1090, 18.9042, 27.2786)

Have a look what the booklet for
XYZ(15.1090, 18.9042, 27.2786)
contains.

XYZ(15.1090, 18.9042, 27.2786)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.1090, 18.9042,
27.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	47818B
RGB	71, 129, 139
RGB Percent	28%, 51%, 55%
CMY	0.7216, 0.4941, 0.4549
CMYK	0.49, 0.07, 0.00, 0.45
HSL	189°, 32%, 41%
HSV	189°, 49%, 55%
XYZ	15.1090, 18.9042, 27.2786
YIQ	112.7980, -37.7780, -9.1860

Conversions

Conversions Part 2

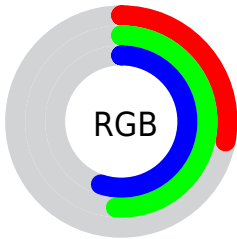
Format	Color
RYB	71, 102, 139
Decimal	4686219
CIELab	50.57, -16.11, -11.30
CIElCh	51, 19.673, 215.045
Yxy	18.9042, 0.2465, 0.3084
Android (android.graphics.Color)	4282876299 (0xFF47818B)
YUV	112.7980, 12.9176, -36.6568
Hunter-Lab	43.4790, -14.0592, -6.7631

Details

The XYZ color **15.1090, 18.9042, 27.2786** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.7276, 11.8291, 7.4688**, and the grayscale version is **15.6077, 16.4205, 17.8819**.

A 20% lighter version of the original color is **34.5546, 41.5468, 56.0673**, and **4.8098, 6.5297, 10.4581** is the 20% darker color. If you saturate the color by 10%, you get **13.9375, 17.9050, 27.1478**, and if you desaturate by 10%, it is **16.5203, 20.0359, 27.4230**.

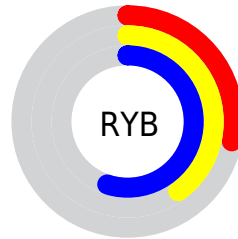
Distribution



Red (28%)

Green (51%)

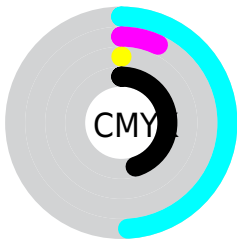
Blue (55%)



Red (28%)

Yellow (40%)

Blue (55%)

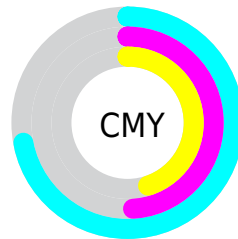


Cyan (49%)

Magenta (7%)

Yellow (0%)

Black (45%)



Cyan (72%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1090, 18.9042, 27.2786 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 15.1090, 18.9042, 27.2786 by changing the saturation by 10% instead.

■ 15.1090, 18.9042,
27.2786

■ 15.1090, 18.9042,
27.2786

217.4003,
245.9194, 302.8063

■ 8.9827, 11.6011,
17.5483

■ 34.6144, 41.5722,
56.3398

■ 4.7869, 6.4727,
10.4601

■ 48.7242, 57.7058,
76.5077

■ 2.1563, 3.1346,
5.5955

■ 66.2259, 77.5517,
100.9919

■ 0.7195, 1.2024,
2.5359

■ 87.4849, 101.4943,
130.2110

■ 0.0000, 0.0636,
0.8591

■ 112.8664,
129.9180, 164.5834

■ 0.0000, 0.0000,
0.0000

142.7360,

163.2071, 204.5277

177.4588,
201.7461, 250.4625

■ 15.1090, 18.9042,
27.2786

■ 15.1090, 18.9042,
27.2786

■ 13.9375, 17.9050,
27.1478

■ 16.5203, 20.0359,
27.4230

■ 12.9878, 17.0277,
27.0285

■ 18.1843, 21.3054,
27.5803

■ 12.2425, 16.2636,
26.9203

■ 20.1149, 22.7205,
27.7517

■ 11.6802, 15.6017,
26.8222

■ 22.3247, 24.2877,
27.9377

■ 11.2501, 15.0158,
26.7318

■ 24.8253, 26.0129,
28.1390

■ 11.2050, 14.9537,
26.7222

■ 27.6278, 27.9020,
28.3559

■ 30.7425, 29.9603,
28.5890

■ 34.1793, 32.1930,
28.8388

■ 37.9479, 34.6050,
29.1058

Harmonies

Analogous

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



14.5324, 18.9042, 21.5283



15.1090, 18.9042, 27.2786



16.4534, 18.9042, 31.7474

Triad

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



15.1090, 18.9042, 27.2786



21.5310, 18.9042, 25.3794



17.6448, 18.9042, 11.7383

Complementary

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



15.1090, 18.9042, 27.2786



14.7276, 11.8291, 7.4688

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.



19.5726, 18.9042, 12.4017



15.1090, 18.9042, 27.2786



21.9062, 18.9042, 19.6667

Square

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



15.1090, 18.9042, 27.2786



20.1746, 18.9042, 30.5210



21.1664, 18.9042, 15.0846



15.9283, 18.9042, 13.0776

Rectangle

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



15.1090, 18.9042, 27.2786



17.6506, 18.9042, 33.0305



21.1664, 18.9042, 15.0846



18.2889, 18.9042, 11.7373

Sweetspot

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



15.1096, 18.9049, 27.2790



37.3849, 41.6644, 49.8146



13.2820, 20.3854, 10.8376



8.4496, 9.4828, 11.4645



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.



15.1096, 18.9049, 27.2790



24.7045, 31.8374, 48.5861



11.4360, 11.5578, 26.0545



5.1113, 5.5654, 6.4107



10.1226, 13.5155, 24.1209



0.0752, 0.1056, 0.1629

Inverse Universe

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



16.8636, 11.5810, 22.1162



28.3548, 17.4873, 37.6421



17.8100, 17.9941, 8.4963



5.2028, 5.1165, 6.1563



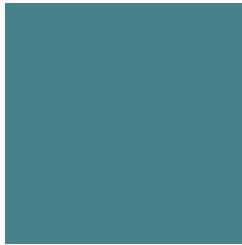
12.5962, 6.1486, 16.1759



0.0877, 0.0424, 0.1285

Previews

White Background



This preview shows how the XYZ color 15.1090, 18.9042, 27.2786 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 15.1090, 18.9042, 27.2786 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

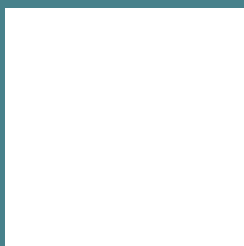
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1090, 18.9042, 27.2786

Background



This preview shows how black text looks on a background with the XYZ color 15.1090, 18.9042, 27.2786.



This preview shows how white text looks on a background with the XYZ color 15.1090, 18.9042,

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

15.1090, 18.9042, 27.2786

Protanopia

18.3017, 18.7387, 24.8426

Deuteranopia

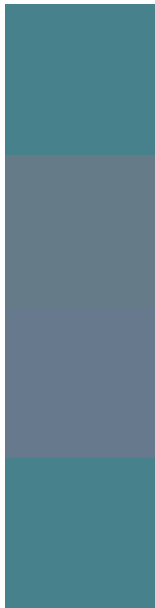
19.1289, 18.7405, 28.2003



Tritanopia

15.1090, 18.9042, 27.2786

Trichromacy



Original Color

15.1090, 18.9042, 27.2786

Protanomaly

16.8230, 18.6819, 25.6410

Deuteranomaly

17.2386, 18.4814, 27.8580

Tritanomaly

15.1090, 18.9042, 27.2786

Monochromacy



Original Color

15.1090, 18.9042, 27.2786

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.1467, 17.1955, 20.9331

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1090, 18.9042, 27.2786 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(71, 129, 139)` looks like.

```
.text, #text, p{  
  color:rgb(71, 129, 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(71, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 129, 139) }
```

Border

The CSS property to change the border of an element to XYZ 15.1090, 18.9042, 27.2786 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(71, 129, 139) }
```


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

```
.border{ border-color:rgb(71, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(71, 129,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1090, 18.9042, 27.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 129, 139) }
```

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

```
.background{ background-color: rgb(71, 129,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor