

Converting Colors

XYZ(14.9622, 18.6300, 23.0534)

Have a look what the booklet for
XYZ(14.9622, 18.6300, 23.0534)
contains.

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Color

**XYZ(15.0296, 18.7645,
22.9084)**

Conversions

Conversions Part 1

Format	Color
Hex	52807F
RGB	82, 128, 127
RGB Percent	32%, 50%, 50%
CMY	0.6784, 0.4980, 0.5020
CMYK	0.36, 0.00, 0.01, 0.50
HSL	179°, 22%, 41%
HSV	179°, 36%, 50%
XYZ	15.0296, 18.7645, 22.9084
YIQ	114.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

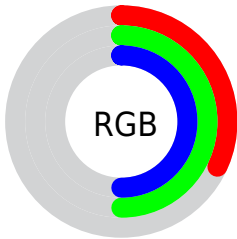
Format	Color
R_YB	82, 105, 128
Decimal	5406847
CIE Lab	50.41, -15.87, -4.45
CIE LCh	50, 16.486, 195.667
Yxy	18.7645, 0.2651, 0.3309
Android (android.graphics.Color)	4283596927 (0xFF52807F)
YUV	114.1320, 6.3439, -28.1798
Hunter-Lab	43.3180, -13.8742, -1.0325

Details

The XYZ color **15.0296, 18.7645, 22.9084** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.4814, 11.2488, 9.6450**, and the grayscale version is **16.0216, 16.8560, 18.3562**.

A 20% lighter version of the original color is **34.5936, 41.4114, 49.3499**, and **4.7668, 6.4491, 8.2013** is the 20% darker color. If you saturate the color by 10%, you get **14.0007, 18.2367, 22.7659**, and if you desaturate by 10%, it is **16.2673, 19.4009, 23.0617**.

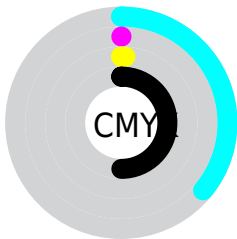
Distribution



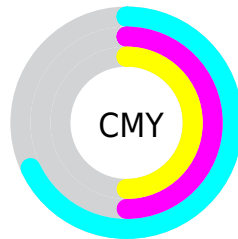
- Red (32%)
- Green (50%)
- Blue (50%)



- Red (32%)
- Yellow (41%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)



- Cyan (68%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0296, 18.7645, 22.9084 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 15.0296, 18.7645, 22.9084 by changing the saturation by 10% instead.

■ 15.0296, 18.7645,
22.9084

■ 15.0296, 18.7645,
22.9084

216.9301,
245.1456, 280.3608

■ 8.9266, 11.5002,
14.3212

■ 34.4763, 41.3358,
49.1642

■ 4.7501, 6.4044,
8.2031

■ 48.5508, 57.4116,
67.6698

■ 2.1346, 3.0925,
4.1356

■ 66.0131, 77.1934,
90.3187

■ 0.7079, 1.1802,
1.7000

■ 87.2286, 101.0655,
117.5294

■ 0.0000, 0.0454,
0.3607

■ 112.5628,
129.4124, 149.7204

■ 0.0000, 0.0000,
0.0000

142.3808,

162.6184, 187.3103

177.0482,
201.0680, 230.7176

■ 15.0296, 18.7645,
22.9084

■ 15.0296, 18.7645,
22.9084

■ 14.0007, 18.2367,
22.7659

■ 16.2673, 19.4009,
23.0617

■ 13.1675, 17.8092,
22.6325

■ 17.7228, 20.1492,
23.2251

■ 12.5177, 17.4763,
22.5079

■ 19.4067, 21.0151,
23.3994

■ 12.0371, 17.2306,
22.3915

■ 21.3283, 22.0036,
23.5850

■ 11.7096, 17.0638,
22.2825

■ 23.4964, 23.1192,
23.7825

■ 11.5073, 16.9616,
22.1796

■ 25.9194, 24.3661,
23.9922

■ 11.4349, 16.9252,
22.1384

■ 28.6051, 25.7486,
24.2145

■ 31.5614, 27.2704,
24.4496

■ 34.7953, 28.9354,
24.6981

Harmonies

Analogous

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



15.0130, 18.7645, 18.3236



15.0296, 18.7645, 22.9084



15.7672, 18.7645, 27.4163

Triad

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



15.0296, 18.7645, 22.9084



20.1313, 18.7645, 27.2399



18.6089, 18.7645, 13.0183

Complementary

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



15.0296, 18.7645, 22.9084



13.4814, 11.2488, 9.6450

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.



20.0763, 18.7645, 14.7466



15.0296, 18.7645, 22.9084



20.9903, 18.7645, 22.6948

Square

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



15.0296, 18.7645, 22.9084



18.6802, 18.7645, 30.1610



20.9696, 18.7645, 18.1396



17.0158, 18.7645, 13.0577

Rectangle

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



15.0296, 18.7645, 22.9084



16.5953, 18.7645, 29.5735



20.9696, 18.7645, 18.1396



19.1351, 18.7645, 13.3990

Sweetspot

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



15.0302, 18.7652, 22.9088



32.5402, 36.1621, 41.0309



12.8572, 17.9117, 10.7627



7.5424, 8.4274, 9.5985



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



15.0302, 18.7652, 22.9088



24.9748, 32.2741, 40.1290



12.5857, 13.7713, 22.4177



4.4425, 4.8853, 5.5015



11.3381, 16.7818, 21.9512



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.4814, 11.2488, 9.6450



21.8315, 17.0157, 13.2072



15.3225, 14.9926, 10.0693



4.3313, 4.3457, 4.5490



8.8423, 4.5566, 0.4932



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.0296, 18.7645, 22.9084 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 15.0296, 18.7645, 22.9084 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 15.0296, 18.7645, 22.9084

Background



This preview shows how black text looks on a background with the XYZ color 15.0296, 18.7645, 22.9084.



This preview shows how white text looks on a background with the XYZ color 15.0296, 18.7645,

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

15.0296, 18.7645, 22.9084

Protanopia

17.9948, 18.6637, 21.0664

Deuteranopia

19.0271, 18.6145, 23.7092



Tritanopia

15.7609, 18.8697, 26.4784

Trichromacy



Original Color

15.0296, 18.7645, 22.9084

Protanomaly

16.6610, 18.5001, 21.7615

Deuteranomaly

17.2345, 18.3974, 23.4116

Tritanomaly

15.3903, 18.7112, 24.9908

Monochromacy



Original Color

15.0296, 18.7645, 22.9084

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.4061, 17.3503, 19.9897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0296, 18.7645, 22.9084 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(82, 128, 127) looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 127)  
}
```

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(82, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 127) }
```

Border

The CSS property to change the border of an element to XYZ 15.0296, 18.7645, 22.9084 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(82, 128, 127) }
```


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

```
.border{ border-color:rgb(82, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0296, 18.7645, 22.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 127) }
```

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

```
.background{ background-color: rgb(82, 128,  
127) }
```

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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