

Converting Colors

XYZ(18.5529, 15.9342, 33.1081)

Have a look what the booklet for
XYZ(18.5529, 15.9342, 33.1081)
contains.

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Color

**XYZ(18.5529, 15.9342,
33.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	79669B
RGB	121, 102, 155
RGB Percent	47%, 40%, 61%
CMY	0.5255, 0.6000, 0.3922
CMYK	0.22, 0.34, 0.00, 0.39
HSL	262°, 21%, 50%
HSV	262°, 34%, 61%
XYZ	18.5529, 15.9342, 33.1081
YIQ	113.7230, -5.6890, 20.5110

Conversions

Conversions Part 2

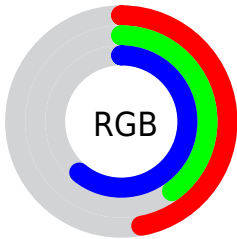
Format	Color
R_{YB}	121, 102, 155
Decimal	7956123
CIE _{Lab}	46.89, 18.97, -26.06
CIE _{LCh}	47, 32.236, 306.055
Yxy	15.9342, 0.2745, 0.2357
Android (android.graphics.Color)	4286146203 (0xFF79669B)
YUV	113.7230, 20.3496, 6.3819
Hunter-Lab	39.9177, 13.1072, -21.2333

Details

The XYZ color **18.5529, 15.9342, 33.1081** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.2733, 29.6366, 17.0120**, and the grayscale version is **15.8540, 16.6797, 18.1642**.

A 20% lighter version of the original color is **40.4796, 36.4343, 65.8718**, and **6.4634, 5.0714, 13.7349** is the 20% darker color. If you saturate the color by 10%, you get **15.8474, 12.4859, 32.5854**, and if you desaturate by 10%, it is **21.6880, 20.0275, 33.7332**.

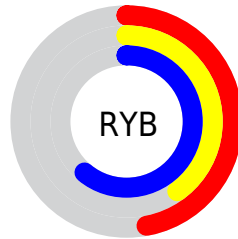
Distribution



Red (47%)

Green (40%)

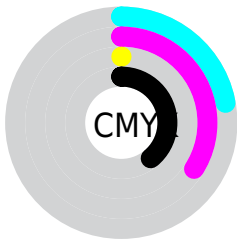
Blue (61%)



Red (47%)

Yellow (40%)

Blue (61%)

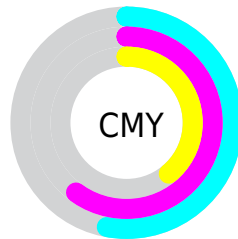


Cyan (22%)

Magenta (34%)

Yellow (0%)

Black (39%)



Cyan (53%)

Magenta (60%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.5529, 15.9342, 33.1081 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 18.5529, 15.9342, 33.1081 by changing the saturation by 10% instead.

■ 18.5529, 15.9342,
33.1081

■ 18.5529, 15.9342,
33.1081

236.9551,
228.9531, 330.7835

■ 11.4497, 9.4776,
21.9375

■ 40.5000, 36.4839,
65.6622

■ 6.4397, 5.0540,
13.6131

■ 56.0746, 51.3459,
87.8828

■ 3.1574, 2.2790,
7.7164

■ 75.2038, 69.7784,
114.6238

■ 1.2376, 0.7625,
3.8289

■ 98.2528, 92.1658,
146.3037

■ 0.1357, 0.0000,
1.5319

125.5871,
118.8926, 183.3411

■ 0.0000, 0.0000,
0.2415

157.5720,

■ 0.0000, 0.0000,

150.3432, 226.1545

0.0000

194.5729,
186.9019, 275.1624

■ 18.5529, 15.9342,
33.1081

■ 18.5529, 15.9342,
33.1081

■ 15.8474, 12.4859,
32.5854

■ 21.6880, 20.0275,
33.7332

■ 13.5495, 9.6467,
32.1585

■ 25.2699, 24.7952,
34.4647

■ 11.6379, 7.3798,
31.8217

■ 29.3167, 30.2676,
35.3077

■ 10.0882, 5.6437,
31.5682

■ 33.8451, 36.4721,
36.2666

■ 8.8730, 4.3911,
31.3905

■ 38.8708, 43.4350,
37.3457

7.9597, 3.5650,
31.2792

44.4091, 51.1809,
38.5489

7.5232, 3.1949,
31.2308

50.4741, 59.7337,
39.8801

57.0798, 69.1159,
41.3429

64.2395, 79.3493,
42.9408

Harmonies

Analogous

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



15.7221, 15.9342, 37.7358



18.5529, 15.9342, 33.1081



20.6394, 15.9342, 24.4186

Triad

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



18.5529, 15.9342, 33.1081



17.4455, 15.9342, 6.7017



10.3822, 15.9342, 19.0336

Complementary

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



18.5529, 15.9342, 33.1081



24.2733, 29.6366, 17.0120

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.



10.7240, 15.9342, 11.7964



18.5529, 15.9342, 33.1081



14.5822, 15.9342, 6.0626

Square

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



18.5529, 15.9342, 33.1081



19.9467, 15.9342, 9.7427



12.1822, 15.9342, 7.6052



11.1832, 15.9342, 28.1440

Rectangle

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



18.5529, 15.9342, 33.1081



21.2003, 15.9342, 18.4363



12.1822, 15.9342, 7.6052



10.3687, 15.9342, 16.3066

Sweetspot

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



18.5534, 15.9348, 33.1085



48.0507, 48.1686, 62.3012



20.2640, 22.9272, 34.3680



10.6655, 10.6187, 14.0579



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



18.5534, 15.9348, 33.1085



29.4723, 23.7369, 58.5646



22.7098, 18.0775, 33.3030



6.0831, 6.1287, 7.7913



6.0813, 2.5860, 25.0863



0.1283, 0.0579, 0.3768

Inverse Universe

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



22.7133, 18.2494, 25.6183



38.2193, 28.6117, 42.4577



20.5443, 27.7142, 16.8375



6.3672, 6.2860, 7.3136



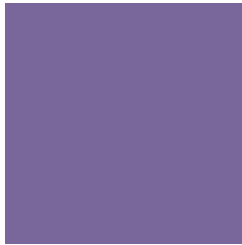
12.7016, 6.3349, 10.2198



0.2071, 0.1016, 0.2436

Previews

White Background



This preview shows how the XYZ color 18.5529, 15.9342, 33.1081 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 18.5529, 15.9342, 33.1081 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 18.5529, 15.9342, 33.1081

Background



This preview shows how black text looks on a background with the XYZ color 18.5529, 15.9342, 33.1081.



This preview shows how white text looks on a background with the XYZ color 18.5529, 15.9342,

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

18.5529, 15.9342, 33.1081

Protanopia

16.7283, 16.1580, 35.9553

Deuteranopia

16.3627, 16.0484, 32.3722



Tritanopia

15.6781, 15.8227, 19.3673

Trichromacy



Original Color

18.5529, 15.9342, 33.1081

Protanomaly

17.2246, 15.9616, 34.9740

Deuteranomaly

17.0343, 15.9127, 32.7455

Tritanomaly

16.5869, 15.7287, 23.6344

Monochromacy



Original Color

18.5529, 15.9342, 33.1081

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.8745, 16.5187, 23.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.5529, 15.9342, 33.1081 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(121, 102, 155)` looks like.

```
.text, #text, p{  
    color:rgb(121, 102, 155)  
}
```

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(121, 102, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 102, 155) }
```

Border

The CSS property to change the border of an element to XYZ 18.5529, 15.9342, 33.1081 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(121, 102, 155) }
```


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

```
.border{ border-color:rgb(121, 102, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 102, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 102, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 102, 155);  
box-shadow:4px 4px 4px 4px rgb(121, 102,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 18.5529, 15.9342, 33.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 102, 155) }
```

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

```
.background{ background-color: rgb(121,  
102, 155) }
```

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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