

Converting Colors

XYZ(19.9316, 14.3490, 30.2193)

Have a look what the booklet for
XYZ(19.9316, 14.3490, 30.2193)
contains.

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Color

**XYZ(19.9228, 14.3502,
30.1536)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5495
RGB	143, 84, 149
RGB Percent	56%, 33%, 58%
CMY	0.4392, 0.6706, 0.4157
CMYK	0.04, 0.44, 0.00, 0.42
HSL	294°, 28%, 46%
HSV	294°, 44%, 58%
XYZ	19.9228, 14.3502, 30.1536
YIQ	109.0510, 14.2990, 32.7230

Conversions

Conversions Part 2

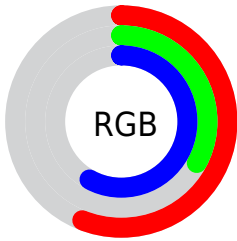
Format	Color
R_{YB}	143, 84, 149
Decimal	9393301
CIE _{Lab}	44.73, 35.24, -25.65
CIE _{LCh}	45, 43.590, 323.945
Yxy	14.3502, 0.3092, 0.2227
Android (android.graphics.Color)	4287583381 (0xFF8F5495)
YUV	109.0510, 19.6949, 29.7733
Hunter-Lab	37.8817, 27.5842, -20.6774

Details

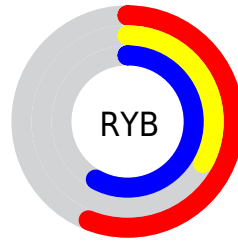
The XYZ color **19.9228, 14.3502, 30.1536** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.5646, 24.3090, 12.2072**, and the grayscale version is **14.4938, 15.2486, 16.6057**.

A 20% lighter version of the original color is **42.7322, 33.6455, 60.7419**, and **7.1200, 4.3081, 12.0115** is the 20% darker color. If you saturate the color by 10%, you get **18.6505, 12.1566, 29.7975**, and if you desaturate by 10%, it is **21.4450, 17.0386, 30.5925**.

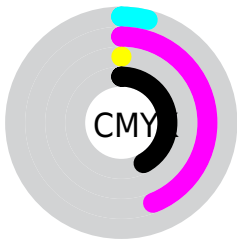
Distribution



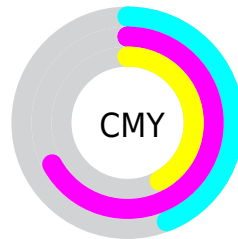
- Red (56%)
- Green (33%)
- Blue (58%)



- Red (56%)
- Yellow (33%)
- Blue (58%)



- Cyan (4%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (67%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9228, 14.3502, 30.1536 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 19.9228, 14.3502, 30.1536 by changing the saturation by 10% instead.

■ 19.9228, 14.3502,
30.1536

■ 19.9228, 14.3502,
30.1536

244.3384,
219.3987, 316.8493

■ 12.4469, 8.3646,
19.7022

■ 42.7926, 33.7091,
60.9689

■ 7.1231, 4.3291,
11.9968

■ 58.9173, 47.8513,
82.1698

■ 3.5862, 1.8593,
6.6190

■ 78.6555, 65.4811,
107.7910

■ 1.4708, 0.5238,
3.1502

■ 102.3727, 86.9829,
138.2509

■ 0.3059, 0.0000,
1.1718

■ 130.4343,
112.7412, 173.9682

■ 0.0000, 0.0000,
0.0000

163.2055,

143.1403, 215.3613

201.0518,
178.5647, 262.8488

■ 19.9228, 14.3502,
30.1536

■ 19.9228, 14.3502,
30.1536

■ 18.6505, 12.1566,
29.7975

■ 21.4450, 17.0386,
30.5925

■ 17.6109, 10.4244,
29.5179

■ 23.2300, 20.2485,
31.1180

■ 16.7869, 9.1192,
29.3094

■ 25.2915, 24.0072,
31.7348

■ 16.1585, 8.2006,
29.1652

■ 27.6420, 28.3394,
32.4472

■ 15.7015, 7.6209,
29.0774

■ 30.2930, 33.2683,
33.2588

■ 15.4563, 7.3413,
29.0364

■ 33.2555, 38.8157,
34.1734

■ 36.5399, 45.0025,
35.1945

■ 40.1561, 51.8485,
36.3253

■ 44.1136, 59.3727,
37.5690

Harmonies

Analogous

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



16.5960, 14.3502, 41.1050



19.9228, 14.3502, 30.1536



21.5989, 14.3502, 17.7749

Triad

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



19.9228, 14.3502, 30.1536



14.3708, 14.3502, 3.1447



8.3119, 14.3502, 24.9584

Complementary

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



19.9228, 14.3502, 30.1536



16.5646, 24.3090, 12.2072

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.



7.9239, 14.3502, 13.6558



19.9228, 14.3502, 30.1536



11.0567, 14.3502, 3.7155

Square

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



19.9228, 14.3502, 30.1536



18.0555, 14.3502, 4.5628



8.8392, 14.3502, 6.7241



10.0094, 14.3502, 37.3061

Rectangle

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



19.9228, 14.3502, 30.1536



21.3785, 14.3502, 11.3782



8.8392, 14.3502, 6.7241



8.0378, 14.3502, 20.8153

Sweetspot

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



19.9233, 14.3508, 30.1539



45.4353, 43.2536, 56.8753



12.7801, 11.4524, 29.9709



9.8931, 9.2632, 12.5514



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.9233, 14.3508, 30.1539



33.5182, 21.9709, 53.3955



19.1404, 14.1609, 20.4639



5.9831, 5.8823, 7.2898



13.0217, 6.1855, 24.4386



0.1718, 0.0821, 0.2997

Inverse Universe

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



17.4107, 13.4690, 11.3556



28.5278, 20.2416, 15.0588



17.2186, 24.5059, 18.5751



5.8213, 5.8236, 6.1649



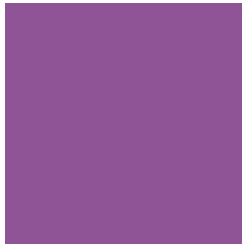
10.5025, 5.4060, 0.8610



0.1328, 0.0679, 0.0331

Previews

White Background



This preview shows how the XYZ color 19.9228, 14.3502, 30.1536 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 19.9228, 14.3502, 30.1536 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 19.9228, 14.3502, 30.1536

Background



This preview shows how black text looks on a background with the XYZ color 19.9228, 14.3502, 30.1536.



This preview shows how white text looks on a background with the XYZ color 19.9228, 14.3502,

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

19.9228, 14.3502, 30.1536

Protanopia

15.4894, 14.5386, 38.0662

Deuteranopia

14.7785, 14.5272, 28.8132



Tritanopia

16.8070, 14.4621, 14.4760

Trichromacy



Original Color

19.9228, 14.3502, 30.1536

Protanomaly

16.4456, 14.0907, 35.1107

Deuteranomaly

16.1451, 14.0695, 29.0589

Tritanomaly

17.7183, 14.3030, 19.2797

Monochromacy



Original Color

19.9228, 14.3502, 30.1536

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.0804, 14.6345, 21.0460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9228, 14.3502, 30.1536 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(143, 84, 149)` looks like.

```
.text, #text, p{  
    color:rgb(143, 84, 149)  
}
```

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(143, 84, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 84, 149) }
```

Border

The CSS property to change the border of an element to XYZ 19.9228, 14.3502, 30.1536 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(143, 84, 149) }
```


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

```
.border{ border-color:rgb(143, 84, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 84, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 84, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 84, 149);  
box-shadow:4px 4px 4px 4px rgb(143, 84,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9228, 14.3502, 30.1536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 84, 149) }
```

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

```
.background{ background-color: rgb(143, 84,  
149) }
```

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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