

Converting Colors

XYZ(20.8905, 16.0330, 29.5396)

Have a look what the booklet for
XYZ(20.8905, 16.0330, 29.5396)
contains.

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Color

**XYZ(20.8579, 15.9550,
29.5841)**

Conversions

Conversions Part 1

Format	Color
Hex	915D93
RGB	145, 93, 147
RGB Percent	57%, 36%, 58%
CMY	0.4314, 0.6353, 0.4235
CMYK	0.01, 0.37, 0.00, 0.42
HSL	298°, 22%, 47%
HSV	298°, 37%, 58%
XYZ	20.8579, 15.9550, 29.5841
YIQ	114.7040, 13.6580, 27.8180

Conversions

Conversions Part 2

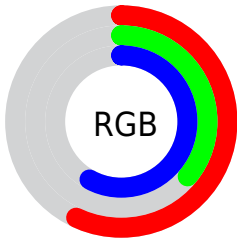
Format	Color
R_{YB}	145, 93, 147
Decimal	9526675
CIE _{Lab}	46.92, 30.40, -21.06
CIE _{LCh}	47, 36.985, 325.284
Yxy	15.9550, 0.3141, 0.2403
Android (android.graphics.Color)	4287716755 (0xFF915D93)
YUV	114.7040, 15.9219, 26.5696
Hunter-Lab	39.9437, 23.3081, -15.9522

Details

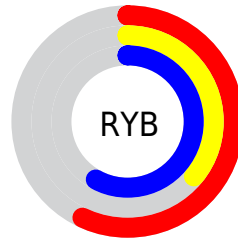
The XYZ color **20.8579, 15.9550, 29.5841** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.1293, 24.0910, 14.1039**, and the grayscale version is **16.1571, 16.9985, 18.5114**.

A 20% lighter version of the original color is **44.3353, 36.4429, 59.9558**, and **7.5639, 5.0485, 11.6421** is the 20% darker color. If you saturate the color by 10%, you get **19.5941, 13.5691, 29.1904**, and if you desaturate by 10%, it is **22.3713, 18.8386, 30.0612**.

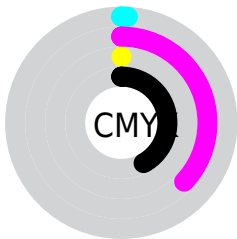
Distribution



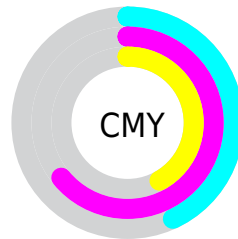
- Red (57%)
- Green (36%)
- Blue (58%)



- Red (57%)
- Yellow (36%)
- Blue (58%)



- Cyan (1%)
- Magenta (37%)
- Yellow (0%)
- Black (42%)



- Cyan (43%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8579, 15.9550, 29.5841 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 20.8579, 15.9550, 29.5841 by changing the saturation by 10% instead.

■ 20.8579, 15.9550,
29.5841

■ 20.8579, 15.9550,
29.5841

249.2684,
229.0760, 314.1077

■ 13.1320, 9.4923,
19.2738

■ 44.3440, 36.5201,
60.0570

■ 7.5972, 5.0637,
11.6894

■ 60.8349, 51.3912,
81.0567

■ 3.8879, 2.2847,
6.4126

■ 80.9782, 69.8340,
106.4566

■ 1.6389, 0.7656,
3.0247

■ 105.1393, 92.2328,
136.6752

■ 0.4176, 0.0000,
1.1073

133.6835,
118.9720, 172.1311

■ 0.0000, 0.0000,
0.0000

166.9762,

150.4360, 213.2428

205.3827,
187.0092, 260.4288

■ 20.8579, 15.9550,
29.5841

■ 20.8579, 15.9550,
29.5841

■ 19.5941, 13.5691,
29.1904

■ 22.3713, 18.8386,
30.0612

■ 18.5640, 11.6502,
28.8743

■ 24.1457, 22.2441,
30.6250

■ 17.7524, 10.1677,
28.6309

■ 26.1940, 26.1966,
31.2799

■ 17.1416, 9.0862,
28.4544

■ 28.5275, 30.7188,
32.0298

■ 16.7114, 8.3651,
28.3379

■ 31.1571, 35.8325,
32.8782

16.4287, 7.9383,
28.2704

34.0929, 41.5580,
33.8286

16.3461, 7.8184,
28.2516

37.3447, 47.9148,
34.8842

40.9218, 54.9215,
36.0481

44.8332, 62.5959,
37.3233

Harmonies

Analogous

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



17.9721, 15.9550, 38.9015



20.8579, 15.9550, 29.5841



22.2268, 15.9550, 18.8744

Triad

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



20.8579, 15.9550, 29.5841



15.6806, 15.9550, 4.9991



10.2180, 15.9550, 26.1206

Complementary

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



20.8579, 15.9550, 29.5841



17.1293, 24.0910, 14.1039

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.



9.7836, 15.9550, 15.9520



20.8579, 15.9550, 29.5841



12.6661, 15.9550, 5.7495

Square

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



20.8579, 15.9550, 29.5841



18.9798, 15.9550, 6.4772



10.6151, 15.9550, 9.0904



11.8986, 15.9550, 36.4544

Rectangle

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



20.8579, 15.9550, 29.5841



21.9717, 15.9550, 13.0965



10.6151, 15.9550, 9.0904



9.9325, 15.9550, 22.4901

Sweetspot

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



20.8584, 15.9557, 29.5844



45.1992, 43.6097, 55.4698



13.9368, 12.7455, 29.3296



10.2165, 9.7594, 12.6301



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.



20.8584, 15.9557, 29.5844



35.4718, 25.0173, 52.3938



19.5039, 15.4549, 20.5963



6.0143, 5.8984, 7.2912



14.1758, 6.7805, 24.4926



0.1788, 0.0857, 0.3000

Inverse Universe

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



18.0130, 14.8586, 12.7456



29.6432, 22.7756, 17.6473



18.1770, 24.4864, 20.6912



5.8090, 5.8187, 6.1002



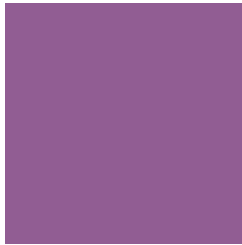
10.4596, 5.3889, 0.6353



0.1297, 0.0666, 0.0169

Previews

White Background



This preview shows how the XYZ color 20.8579, 15.9550, 29.5841 looks on a white background.

Color Contrast Check

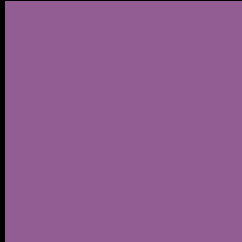
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.8579, 15.9550, 29.5841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

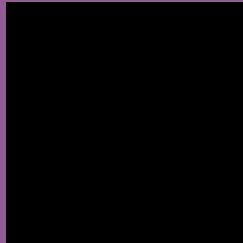
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.8579, 15.9550, 29.5841

Background



This preview shows how black text looks on a background with the XYZ color 20.8579, 15.9550, 29.5841.



This preview shows how white text looks on a background with the XYZ color 20.8579, 15.9550,

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

20.8579, 15.9550, 29.5841

Protanopia

16.7450, 16.1767, 35.4976

Deuteranopia

16.4357, 16.1687, 28.6402



Tritanopia

18.2292, 15.9869, 16.5930

Trichromacy



Original Color

20.8579, 15.9550, 29.5841

Protanomaly

17.8061, 15.8446, 33.1302

Deuteranomaly

17.8069, 15.9380, 28.9259

Tritanomaly

19.0982, 15.9162, 20.8044

Monochromacy



Original Color

20.8579, 15.9550, 29.5841

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.6926, 16.4833, 22.3278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8579, 15.9550, 29.5841 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(145, 93, 147)` looks like.

```
.text, #text, p{  
    color:rgb(145, 93, 147)  
}
```

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(145, 93, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 93, 147) }
```

Border

The CSS property to change the border of an element to XYZ 20.8579, 15.9550, 29.5841 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(145, 93, 147) }
```


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

```
.border{ border-color:rgb(145, 93, 147) }
```

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

Here you see how a box with a 4 pixel rgb(145, 93, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 93, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 93, 147);  
box-shadow:4px 4px 4px 4px rgb(145, 93,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8579, 15.9550, 29.5841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 93, 147) }
```

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

```
.background{ background-color: rgb(145, 93,  
147) }
```

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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