

Converting Colors

XYZ(26.9094, 20.4727, 55.6169)

Have a look what the booklet for
XYZ(26.9094, 20.4727, 55.6169)
contains.

XYZ(26.8373, 20.4759, 55.3611)	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(26.8373, 20.4759,
55.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	906BC5
RGB	144, 107, 197
RGB Percent	56%, 42%, 77%
CMY	0.4353, 0.5804, 0.2274
CMYK	0.27, 0.46, 0.00, 0.23
HSL	265°, 44%, 60%
HSV	265°, 46%, 77%
XYZ	26.8373, 20.4759, 55.3611
YIQ	128.3230, -6.8380, 35.8340

Conversions

Conversions Part 2

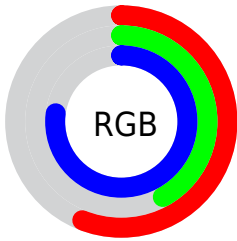
Format	Color
RYB	144, 107, 197
Decimal	9464773
CIELab	52.37, 33.32, -41.75
CIELCh	52, 53.414, 308.594
Yxy	20.4759, 0.2614, 0.1994
Android (android.graphics.Color)	4287654853 (0xFF906BC5)
YUV	128.3230, 33.8578, 13.7487
Hunter-Lab	45.2503, 26.6777, -40.8626

Details

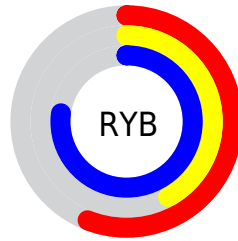
The XYZ color **26.8373, 20.4759, 55.3611** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **37.1178, 48.4681, 21.3096**, and the grayscale version is **20.5183, 21.5869, 23.5081**.

A 20% lighter version of the original color is **54.1069, 44.2314, 99.4517**, and **10.7854, 7.2334, 26.8143** is the 20% darker color. If you saturate the color by 10%, you get **23.0894, 15.8347, 54.6632**, and if you desaturate by 10%, it is **31.2628, 26.1617, 56.2257**.

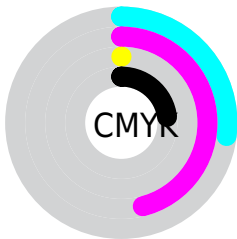
Distribution



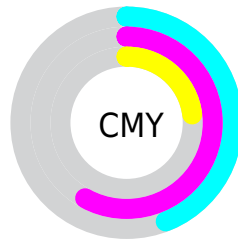
- Red (56%)
- Green (42%)
- Blue (77%)



- Red (56%)
- Yellow (42%)
- Blue (77%)



- Cyan (27%)
- Magenta (46%)
- Yellow (0%)
- Black (23%)



- Cyan (44%)
- Magenta (58%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8373, 20.4759, 55.3611 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 26.8373, 20.4759, 55.3611 by changing the saturation by 10% instead.

■ 26.8373, 20.4759,
55.3611

■ 26.8373, 20.4759,
55.3611

279.0504,
254.4799, 424.5997

■ 17.5870, 12.7414,
39.2904

■ 54.0444, 44.2136,
99.5463

■ 10.7518, 7.2507,
26.6761

■ 72.7320, 60.9857,
128.4978

■ 5.9662, 3.6194,
17.0998

■ 95.2960, 81.5391,
162.5800

■ 2.8650, 1.4630,
10.1430

■ 122.1018,
106.2582, 202.2113

■ 1.0828, 0.2625,
5.3870

153.5148,
135.5275, 247.8105

■ 0.0106, 0.0000,
2.4134

189.9003,

■ 0.0000, 0.0000,

169.7313, 299.7959

0.7937

231.6238,
209.2539, 358.5861

■ 0.0000, 0.0000,
0.0000

■ 26.8373, 20.4759,
55.3611

■ 26.8373, 20.4759,
55.3611

■ 23.0894, 15.8347,
54.6632

■ 31.2628, 26.1617,
56.2257

■ 19.9784, 12.1681,
54.1194

■ 36.3988, 32.9512,
57.2655

■ 17.4623, 9.4010,
53.7179

■ 42.2785, 40.9016,
58.4902

■ 15.4919, 7.4457,
53.4444

■ 48.9324, 50.0657,
59.9083

■ 14.0079, 6.1941,
53.2810

■ 56.3891, 60.4926,
61.5279

■ 13.4706, 5.7801,
53.2294

■ 64.6757, 72.2289,
63.3565

■ 73.8180, 85.3188,
65.4012

■ 80.7000, 93.5232,
66.6221

■ 84.6957, 95.5831,
66.8091

Harmonies

Analogous

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



21.0862, 20.4759, 67.6919



26.8373, 20.4759, 55.3611



31.0699, 20.4759, 35.2860

Triad

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



26.8373, 20.4759, 55.3611



23.5851, 20.4759, 4.3082



10.7615, 20.4759, 27.1370

Complementary

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



26.8373, 20.4759, 55.3611



37.1178, 48.4681, 21.3096

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.



11.1785, 20.4759, 12.9620



26.8373, 20.4759, 55.3611



17.9229, 20.4759, 3.7493

Square

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



26.8373, 20.4759, 55.3611



28.9596, 20.4759, 8.2298



13.5788, 20.4759, 6.0061



12.3072, 20.4759, 47.0469

Rectangle

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



26.8373, 20.4759, 55.3611



32.0733, 20.4759, 23.0468



13.5788, 20.4759, 6.0061



10.6838, 20.4759, 21.5593

Sweetspot

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



26.8381, 20.4767, 55.3616



77.3839, 75.5282, 105.1076



28.8870, 32.6475, 57.6028



16.0350, 15.4444, 22.3859



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.8381, 20.4767, 55.3616



41.2554, 28.2415, 97.8845



36.0753, 25.2387, 55.7939



10.4628, 10.4968, 13.3921



8.9500, 3.8481, 35.0154



0.5057, 0.2244, 1.6618

Inverse Universe

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



34.6294, 24.9245, 36.2440



57.4595, 37.5114, 57.2405



29.8232, 44.7076, 20.9682



10.8915, 10.7400, 12.4118



17.2615, 8.6541, 11.8526



0.8527, 0.4239, 0.7475

Previews

White Background



This preview shows how the XYZ color 26.8373, 20.4759, 55.3611 looks on a white background.

Color Contrast Check

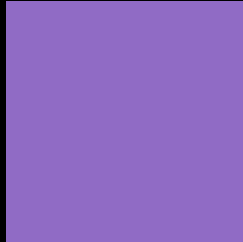
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8373, 20.4759, 55.3611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

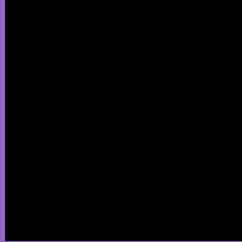
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8373, 20.4759, 55.3611

Background



This preview shows how black text looks on a background with the XYZ color 26.8373, 20.4759, 55.3611.



This preview shows how white text looks on a background with the XYZ color 26.8373, 20.4759,

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

26.8373, 20.4759, 55.3611

Protanopia

22.7419, 20.6969, 64.4243

Deuteranopia

21.1757, 20.6911, 53.3298



Tritanopia

20.6401, 20.4905, 24.6970

Trichromacy



Original Color

26.8373, 20.4759, 55.3611

Protanomaly

23.6862, 20.3670, 61.0753

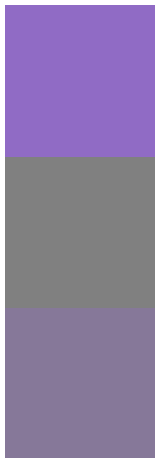
Deuteranomaly

22.6464, 20.1669, 53.7379

Tritanomaly

22.5154, 20.3571, 34.1951

Monochromacy



Original Color

26.8373, 20.4759, 55.3611

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.2978, 20.8012, 32.9768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8373, 20.4759, 55.3611 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(144, 107, 197)` looks like.

```
.text, #text, p{  
    color:rgb(144, 107, 197)  
}
```

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(144, 107, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 107, 197) }
```

Border

The CSS property to change the border of an element to XYZ 26.8373, 20.4759, 55.3611 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(144, 107, 197) }
```


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

```
.border{ border-color:rgb(144, 107, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 107, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 107, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 107, 197);  
box-shadow:4px 4px 4px 4px rgb(144, 107,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8373, 20.4759, 55.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 107, 197) }
```

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

```
.background{ background-color: rgb(144,  
107, 197) }
```

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