

Converting Colors

XYZ(20.9250, 18.7334, 25.4182)

Have a look what the booklet for
XYZ(20.9250, 18.7334, 25.4182)
contains.

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Color

**XYZ(20.8728, 18.6936,
25.4298)**

Conversions

Conversions Part 1

Format	Color
Hex	8C6F87
RGB	140, 111, 135
RGB Percent	55%, 44%, 53%
CMY	0.4510, 0.5647, 0.4706
CMYK	0.00, 0.21, 0.04, 0.45
HSL	310°, 12%, 49%
HSV	310°, 21%, 55%
XYZ	20.8728, 18.6936, 25.4298
YIQ	122.4070, 9.5800, 13.6120

Conversions

Conversions Part 2

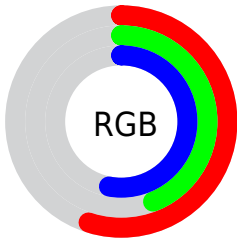
Format	Color
R_{YB}	140, 111, 135
Decimal	9203591
CIE _{Lab}	50.33, 15.77, -8.81
CIE _{LCh}	50, 18.062, 330.809
Yxy	18.6936, 0.3211, 0.2876
Android (android.graphics.Color)	4287393671 (0xFF8C6F87)
YUV	122.4070, 6.2083, 15.4291
Hunter-Lab	43.2361, 10.5101, -4.6068

Details

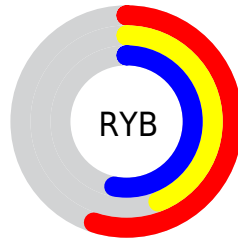
The XYZ color **20.8728, 18.6936, 25.4298** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0867, 23.3971, 20.0341**, and the grayscale version is **18.6103, 19.5795, 21.3221**.

A 20% lighter version of the original color is **44.4224, 41.2946, 53.2063**, and **7.6336, 6.3845, 9.4243** is the 20% darker color. If you saturate the color by 10%, you get **19.2955, 15.8076, 24.0751**, and if you desaturate by 10%, it is **22.6945, 22.0617, 26.8854**.

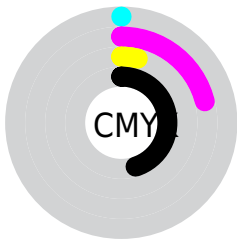
Distribution



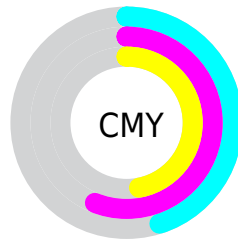
- Red (55%)
- Green (44%)
- Blue (53%)



- Red (55%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (45%)



- Cyan (45%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8728, 18.6936, 25.4298 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 20.8728, 18.6936, 25.4298 by changing the saturation by 10% instead.

■ 20.8728, 18.6936,
25.4298

■ 20.8728, 18.6936,
25.4298

249.3462,
244.7520, 293.4876

■ 13.1430, 11.4491,
16.1756

■ 44.3686, 41.2157,
53.3264

■ 7.6048, 6.3698,
9.4928

■ 60.8653, 57.2621,
72.8059

■ 3.8928, 3.0712,
4.9628

■ 81.0150, 77.0112,
96.5309

■ 1.6416, 1.1690,
2.1671

■ 105.1831,
100.8475, 124.9199

■ 0.4193, 0.0362,
0.6553

133.7349,
129.1554, 158.3916

■ 0.0000, 0.0000,
0.0000

167.0358,

162.3191, 197.3644

205.4511,
200.7232, 242.2569

■ 20.8728, 18.6936,
25.4298

■ 20.8728, 18.6936,
25.4298

■ 19.2955, 15.8076,
24.0751

■ 22.6945, 22.0617,
26.8854

■ 17.9497, 13.3789,
22.8163

■ 24.7694, 25.9302,
28.4443

■ 16.8241, 11.3843,
21.6497

■ 27.1079, 30.3194,
30.1103

■ 15.9054, 9.7977,
20.5706

■ 29.7191, 35.2480,
31.8866

■ 15.1792, 8.5899,
19.5743

■ 32.6119, 40.7336,
33.7763

■ 14.6290, 7.7282,
18.6550

■ 35.7948, 46.7928,
35.7823

■ 14.2354, 7.1739,
17.8061

■ 39.2759, 53.4420,
37.9074

■ 13.9596, 6.8332,
17.0639

■ 43.0628, 60.6964,
40.1543

■ 47.1631, 68.5711,
42.5257

Harmonies

Analogous

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



19.5490, 18.6936, 29.8124



20.8728, 18.6936, 25.4298



21.3522, 18.6936, 20.2183

Triad

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



20.8728, 18.6936, 25.4298



17.7202, 18.6936, 12.1533



15.0294, 18.6936, 25.7043

Complementary

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



20.8728, 18.6936, 25.4298



19.0867, 23.3971, 20.0341

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.



14.6086, 18.6936, 20.4906



20.8728, 18.6936, 25.4298



16.0981, 18.6936, 13.1434

Square

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



20.8728, 18.6936, 25.4298



19.4613, 18.6936, 13.0420



14.9869, 18.6936, 16.0032



16.1753, 18.6936, 29.9883

Rectangle

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



20.8728, 18.6936, 25.4298



21.1053, 18.6936, 17.1165



14.9869, 18.6936, 16.0032



14.8020, 18.6936, 23.9763

Sweetspot

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



20.8734, 18.6944, 25.4302



41.6322, 41.9113, 48.6372



17.5992, 16.9649, 27.1581



9.5468, 9.5711, 11.1722



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



20.8734, 18.6944, 25.4302



35.4087, 30.4050, 43.6624



19.9311, 18.3175, 20.4681



5.1975, 5.1144, 6.1283



12.4100, 6.0741, 15.1951



0.0870, 0.0422, 0.1248

Inverse Universe

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



20.8734, 18.6944, 25.4302



35.4087, 30.4050, 43.6624



19.9859, 23.7568, 24.7693



5.1975, 5.1144, 6.1283



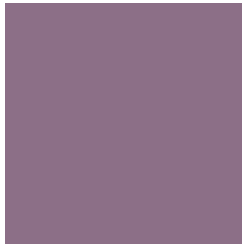
12.4100, 6.0741, 15.1951



0.0870, 0.0422, 0.1248

Previews

White Background



This preview shows how the XYZ color 20.8728, 18.6936, 25.4298 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 20.8728, 18.6936, 25.4298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

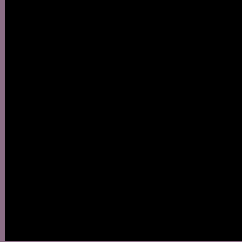
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.8728, 18.6936, 25.4298

Background



This preview shows how black text looks on a background with the XYZ color 20.8728, 18.6936, 25.4298.



This preview shows how white text looks on a background with the XYZ color 20.8728, 18.6936,

25.4298.

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

20.8728, 18.6936, 25.4298

Protanopia

18.5329, 18.8001, 27.4629

Deuteranopia

19.1218, 18.8038, 25.1759



Tritanopia

19.8992, 18.6187, 20.9573

Trichromacy



Original Color

20.8728, 18.6936, 25.4298

Protanomaly

19.2903, 18.6857, 26.6348

Deuteranomaly

19.6397, 18.7285, 25.1341

Tritanomaly

20.2724, 18.6096, 22.6022

Monochromacy



Original Color

20.8728, 18.6936, 25.4298

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

19.3625, 19.1563, 22.7557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8728, 18.6936, 25.4298 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(140, 111, 135)` looks like.

```
.text, #text, p{  
    color:rgb(140, 111, 135)  
}
```

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(140, 111, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 111, 135) }
```

Border

The CSS property to change the border of an element to XYZ 20.8728, 18.6936, 25.4298 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(140, 111, 135) }
```


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

```
.border{ border-color:rgb(140, 111, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 111, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 111, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 111, 135);  
box-shadow:4px 4px 4px 4px rgb(140, 111,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8728, 18.6936, 25.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 111, 135) }
```

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

```
.background{ background-color: rgb(140,  
111, 135) }
```

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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