

Converting Colors

XYZ(20.9127, 16.7781, 26.0578)

Have a look what the booklet for
XYZ(20.9127, 16.7781, 26.0578)
contains.

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Color

**XYZ(20.9877, 16.7734,
26.1762)**

Conversions

Conversions Part 1

Format	Color
Hex	93628A
RGB	147, 98, 138
RGB Percent	58%, 38%, 54%
CMY	0.4235, 0.6157, 0.4588
CMYK	0.00, 0.33, 0.06, 0.42
HSL	311°, 20%, 48%
HSV	311°, 33%, 58%
XYZ	20.9877, 16.7734, 26.1762
YIQ	117.2110, 16.3640, 22.8280

Conversions

Conversions Part 2

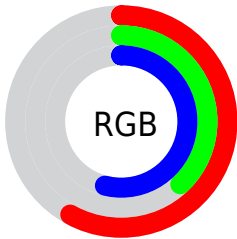
Format	Color
R_{YB}	147, 98, 138
Decimal	9659018
CIE _{Lab}	47.97, 26.47, -14.06
CIE _{LCh}	48, 29.969, 332.019
Yxy	16.7734, 0.3283, 0.2623
Android (android.graphics.Color)	4287849098 (0xFF93628A)
YUV	117.2110, 10.2490, 26.1250
Hunter-Lab	40.9553, 19.8011, -9.2259

Details

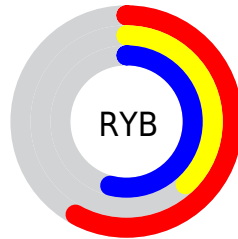
The XYZ color **20.9877, 16.7734, 26.1762** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.1252, 24.5260, 17.6896**, and the grayscale version is **16.9400, 17.8222, 19.4084**.

A 20% lighter version of the original color is **44.5085, 37.8130, 54.2430**, and **7.6214, 5.4187, 9.8767** is the 20% darker color. If you saturate the color by 10%, you get **19.5436, 14.1939, 24.7424**, and if you desaturate by 10%, it is **22.6903, 19.8615, 27.7205**.

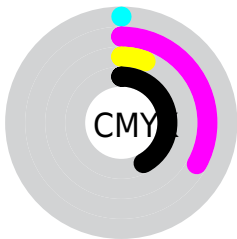
Distribution



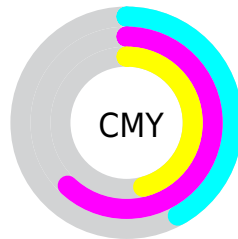
- Red (58%)
- Green (38%)
- Blue (54%)



- Red (58%)
- Yellow (38%)
- Blue (54%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (42%)



- Cyan (42%)
- Magenta (62%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9877, 16.7734, 26.1762 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 20.9877, 16.7734, 26.1762 by changing the saturation by 10% instead.

■ 20.9877, 16.7734,
26.1762

■ 20.9877, 16.7734,
26.1762

249.9461,
233.8631, 297.2789

■ 13.2274, 10.0731,
16.7286

■ 44.5585, 37.9358,
54.5466

■ 7.6634, 5.4474,
9.8812

■ 61.0997, 53.1666,
74.3065

■ 3.9303, 2.5121,
5.2157

■ 81.2986, 72.0097,
98.3409

■ 1.6628, 0.8827,
2.3134

■ 105.5206, 94.8494,
127.0683

■ 0.4328, 0.0000,
0.7387

134.1310,
122.0703, 160.9072

■ 0.0000, 0.0000,
0.0000

167.4951,

154.0566, 200.2763

205.9784,
191.1927, 245.5940

■ 20.9877, 16.7734,
26.1762

■ 20.9877, 16.7734,
26.1762

■ 19.5436, 14.1939,
24.7424

■ 22.6903, 19.8615,
27.7205

■ 18.3426, 12.0932,
23.4133

■ 24.6627, 23.4817,
29.3787

■ 17.3700, 10.4415,
22.1840

■ 26.9173, 27.6585,
31.1553

■ 16.6087, 9.2051,
21.0486

■ 29.4655, 32.4143,
33.0542

■ 16.0396, 8.3452,
20.0005

■ 32.3177, 37.7703,
35.0791

■ 15.6396, 7.8161,
19.0318

■ 35.4841, 43.7467,
37.2336

■ 15.4228, 7.5591,
18.4153

■ 38.9743, 50.3626,
39.5209

■ 42.7976, 57.6363,
41.9445

■ 46.9626, 65.5855,
44.5072

Harmonies

Analogous

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



18.8605, 16.7734, 34.0166



20.9877, 16.7734, 26.1762



21.7221, 16.7734, 17.7439

Triad

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



20.9877, 16.7734, 26.1762



15.7602, 16.7734, 7.0600



11.9290, 16.7734, 27.3480

Complementary

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



20.9877, 16.7734, 26.1762



18.1252, 24.5260, 17.6896

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.



11.2916, 16.7734, 18.7929



20.9877, 16.7734, 26.1762



13.3424, 16.7734, 8.3257

Square

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



20.9877, 16.7734, 26.1762



18.5079, 16.7734, 8.0189



11.7787, 16.7734, 12.1313



13.6260, 16.7734, 34.8167

Rectangle

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



20.9877, 16.7734, 26.1762



21.2634, 16.7734, 13.2313



11.7787, 16.7734, 12.1313



11.5929, 16.7734, 24.4325

Sweetspot

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



20.9882, 16.7742, 26.1766



45.3739, 44.2810, 53.5841



15.6963, 13.9676, 29.4726



10.2439, 9.8977, 12.1409



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.



20.9882, 16.7742, 26.1766



35.6067, 26.4956, 44.9363



19.4107, 16.1431, 17.8694



5.9901, 5.8911, 7.0540



13.3790, 6.5567, 16.0088



0.1733, 0.0841, 0.2462

Inverse Universe

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



20.9882, 16.7742, 26.1766



35.6067, 26.4956, 44.9363



19.6009, 25.1163, 25.4603



5.9901, 5.8911, 7.0540



13.3790, 6.5567, 16.0088



0.1733, 0.0841, 0.2462

Previews

White Background



This preview shows how the XYZ color 20.9877, 16.7734, 26.1762 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 20.9877, 16.7734, 26.1762 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 20.9877, 16.7734, 26.1762

Background



This preview shows how black text looks on a background with the XYZ color 20.9877, 16.7734, 26.1762.



This preview shows how white text looks on a background with the XYZ color 20.9877, 16.7734,

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

20.9877, 16.7734, 26.1762

Protanopia

17.1556, 16.9834, 30.8077

Deuteranopia

17.3083, 17.0108, 25.6637



Tritanopia

19.2211, 16.7775, 17.2642

Trichromacy



Original Color

20.9877, 16.7734, 26.1762

Protanomaly

18.2191, 16.7625, 29.0633

Deuteranomaly

18.5254, 16.8336, 25.9397

Tritanomaly

19.7819, 16.7076, 20.2714

Monochromacy



Original Color

20.9877, 16.7734, 26.1762

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.1797, 17.2217, 21.7680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9877, 16.7734, 26.1762 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(147, 98, 138)` looks like.

```
.text, #text, p{  
    color:rgb(147, 98, 138)  
}
```

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(147, 98, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 98, 138) }
```

Border

The CSS property to change the border of an element to XYZ 20.9877, 16.7734, 26.1762 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(147, 98, 138) }
```


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

```
.border{ border-color:rgb(147, 98, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 98, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 98, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 98, 138);  
box-shadow:4px 4px 4px 4px rgb(147, 98,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9877, 16.7734, 26.1762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 98, 138) }
```

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

```
.background{ background-color: rgb(147, 98,  
138) }
```

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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