

Converting Colors

XYZ(20.5457, 16.9417, 27.5449)

Have a look what the booklet for
XYZ(20.5457, 16.9417, 27.5449)
contains.

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Color

**XYZ(20.4459, 16.8932,
27.3824)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 8D658D |
| RGB | 141, 101, 141 |
| RGB Percent | 55%, 40%, 55% |
| CMY | 0.4471, 0.6039, 0.4471 |
| CMYK | 0.00, 0.28, 0.00, 0.45 |
| HSL | 300°, 17%, 47% |
| HSV | 300°, 28%, 55% |
| XYZ | 20.4459, 16.8932, 27.3824 |
| YIQ | 117.5200, 11.0000, 20.9200 |

Conversions

Conversions Part 2

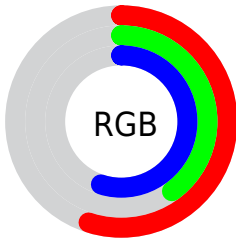
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 141, 101, 141 |
| Decimal | 9266573 |
| CIE Lab | 48.13, 23.19, -15.68 |
| CIE LCh | 48, 27.992, 325.932 |
| Yxy | 16.8932, 0.3159, 0.2610 |
| Android (android.graphics.Color) | 4287456653 (0xFF8D658D) |
| YUV | 117.5200, 11.5756, 20.5920 |
| Hunter-Lab | 41.1013, 16.8677, -10.7291 |

Details

The XYZ color **20.4459, 16.8932, 27.3824** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.2414, 22.7566, 15.7966**, and the grayscale version is **17.0332, 17.9202, 19.5151**.

A 20% lighter version of the original color is **43.5842, 37.9987, 56.6671**, and **7.3779, 5.4752, 10.5655** is the 20% darker color. If you saturate the color by 10%, you get **19.1928, 14.3867, 26.9649**, and if you desaturate by 10%, it is **21.9350, 19.8710, 27.8790**.

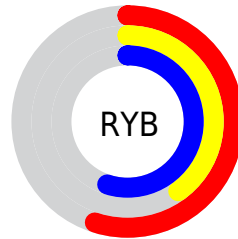
Distribution



Red (55%)

Green (40%)

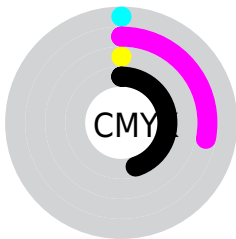
Blue (55%)



Red (55%)

Yellow (40%)

Blue (55%)

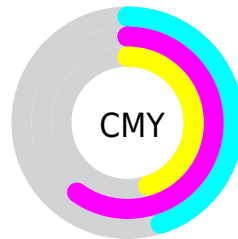


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (60%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.4459, 16.8932, 27.3824 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 20.4459, 16.8932, 27.3824 by changing the saturation by 10% instead.

■ 20.4459, 16.8932,
27.3824

■ 20.4459, 16.8932,
27.3824

247.1067,
234.5562, 303.3224

■ 12.8297, 10.1584,
17.6257

■ 43.6618, 38.1421,
56.5081

■ 7.3876, 5.5041,
10.5149

■ 59.9922, 53.4249,
76.7141

■ 3.7541, 2.5460,
5.6316

■ 79.9581, 72.3258,
101.2402

■ 1.5640, 0.8996,
2.5573

■ 103.9247, 95.2293,
130.5051

■ 0.3688, 0.0000,
0.8703

132.2576,
122.5197, 164.9272

■ 0.0000, 0.0000,
0.0000

165.3220,

154.5813, 204.9251

203.4832,
191.7987, 250.9173

■ 20.4459, 16.8932,
27.3824

■ 20.4459, 16.8932,
27.3824

■ 19.1928, 14.3867,
26.9649

■ 21.9350, 19.8710,
27.8790

■ 18.1620, 12.3252,
26.6213

■ 23.6695, 23.3401,
28.4572

■ 17.3411, 10.6834,
26.3476

■ 25.6605, 27.3222,
29.1209

■ 16.7157, 9.4325,
26.1391

■ 27.9178, 31.8367,
29.8733

■ 16.2695, 8.5401,
25.9903

■ 30.4507, 36.9025,
30.7176

■ 15.9837, 7.9685,
25.8950

■ 33.2680, 42.5371,
31.6568

■ 15.8174, 7.6359,
25.8396

■ 36.3782, 48.7575,
32.6935

■ 15.7924, 7.5859,
25.8312

■ 39.7895, 55.5800,
33.8306

■ 43.5095, 63.0200,
35.0707

Harmonies

Analogous

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



18.2856, 16.8932, 34.0358



20.4459, 16.8932, 27.3824



21.4305, 16.8932, 19.4029

Triad

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



20.4459, 16.8932, 27.3824



16.4051, 16.8932, 7.6813



12.0569, 16.8932, 25.2046

Complementary

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



20.4459, 16.8932, 27.3824



17.2414, 22.7566, 15.7966

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.



11.6656, 16.8932, 17.4204



20.4459, 16.8932, 27.3824



14.0163, 16.8932, 8.4733

Square

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



20.4459, 16.8932, 27.3824



18.9471, 16.8932, 9.0783



12.3451, 16.8932, 11.6251



13.4759, 16.8932, 32.5636

Rectangle

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



20.4459, 16.8932, 27.3824



21.2189, 16.8932, 14.8193



12.3451, 16.8932, 11.6251



11.8076, 16.8932, 22.5014

Sweetspot

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



20.4464, 16.8939, 27.3828



42.1140, 41.2502, 50.8703



14.8290, 13.9981, 27.1199



9.3116, 9.0240, 11.3305



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.



20.4464, 16.8939, 27.3828



35.1401, 27.3025, 48.5456



19.0900, 16.3514, 20.2398



5.6263, 5.5110, 6.7960



14.3995, 6.9168, 23.5530



0.1377, 0.0661, 0.2252

Inverse Universe

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



20.4464, 16.8939, 27.3828



35.1401, 27.3025, 48.5456



18.3435, 23.1974, 21.6006



5.6263, 5.5110, 6.7960



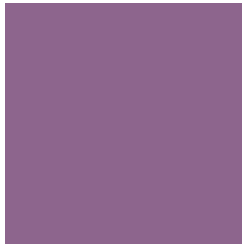
14.3995, 6.9168, 23.5530



0.1377, 0.0661, 0.2252

Previews

White Background



This preview shows how the XYZ color 20.4459, 16.8932, 27.3824 looks on a white background.

Color Contrast Check

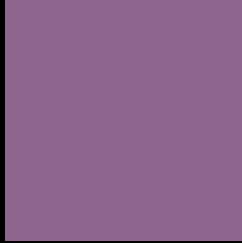
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.4459, 16.8932, 27.3824 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 20.4459, 16.8932, 27.3824

Background



This preview shows how black text looks on a background with the XYZ color 20.4459, 16.8932, 27.3824.



This preview shows how white text looks on a background with the XYZ color 20.4459, 16.8932,

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

20.4459, 16.8932, 27.3824

Protanopia

17.2358, 17.0155, 31.2301

Deuteranopia

17.2644, 16.9631, 26.7904



Tritanopia

18.5078, 16.8413, 18.1948

Trichromacy



Original Color

20.4459, 16.8932, 27.3824

Protanomaly

18.2063, 16.8954, 29.9053

Deuteranomaly

18.2646, 16.8295, 27.0967

Tritanomaly

19.0696, 16.7591, 21.2985

Monochromacy



Original Color

20.4459, 16.8932, 27.3824

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.1643, 17.5303, 22.1650

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.4459, 16.8932, 27.3824 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(141, 101, 141)` looks like.

```
.text, #text, p{  
    color:rgb(141, 101, 141)  
}
```

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(141, 101, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 101, 141) }
```

Border

The CSS property to change the border of an element to XYZ 20.4459, 16.8932, 27.3824 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(141, 101, 141) }
```


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

```
.border{ border-color:rgb(141, 101, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 101, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 101, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 101, 141);  
box-shadow:4px 4px 4px 4px rgb(141, 101,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 20.4459, 16.8932, 27.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 101, 141) }
```

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

```
.background{ background-color: rgb(141,  
101, 141) }
```

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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