

Converting Colors

XYZ(20.9940, 20.5808, 24.4344)

Have a look what the booklet for
XYZ(20.9940, 20.5808, 24.4344)
contains.

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Color

**XYZ(20.9258, 20.4643,
24.3198)**

Conversions

Conversions Part 1

Format	Color
Hex	877983
RGB	135, 121, 131
RGB Percent	53%, 47%, 51%
CMY	0.4706, 0.5255, 0.4863
CMYK	0.00, 0.10, 0.03, 0.47
HSL	317°, 6%, 50%
HSV	317°, 10%, 53%
XYZ	20.9258, 20.4643, 24.3198
YIQ	126.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

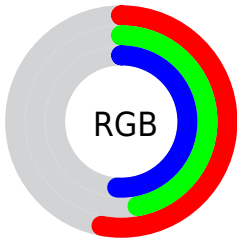
Format	Color
R_{YB}	135, 121, 131
Decimal	8878467
CIE Lab	52.36, 7.27, -3.49
CIE LCh	52, 8.062, 334.360
Yxy	20.4643, 0.3185, 0.3114
Android (android.graphics.Color)	4287068547 (0xFF877983)
YUV	126.3260, 2.3043, 7.6071
Hunter-Lab	45.2375, 3.4043, -0.2082

Details

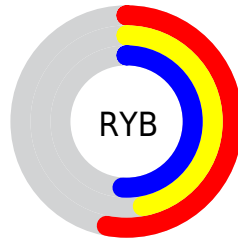
The XYZ color **20.9258, 20.4643, 24.3198** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.2516, 22.8742, 22.7510**, and the grayscale version is **19.9338, 20.9719, 22.8384**.

A 20% lighter version of the original color is **44.3343, 44.0392, 51.5111**, and **7.5867, 7.1752, 8.9677** is the 20% darker color. If you saturate the color by 10%, you get **19.1422, 17.3076, 22.4593**, and if you desaturate by 10%, it is **22.9499, 24.0859, 26.3091**.

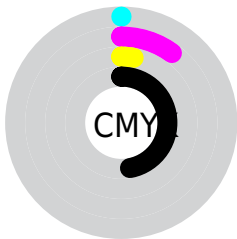
Distribution



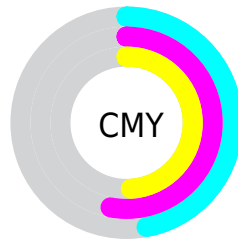
- Red (53%)
- Green (47%)
- Blue (51%)



- Red (53%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.9258, 20.4643, 24.3198 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 20.9258, 20.4643, 24.3198 by changing the saturation by 10% instead.

■ 20.9258, 20.4643,
24.3198

■ 20.9258, 20.4643,
24.3198

249.6231,
254.4177, 287.7718

■ 13.1819, 12.7330,
15.3566

■ 44.4562, 44.1943,
51.5019

■ 7.6318, 7.2449,
8.9207

■ 60.9735, 60.9617,
70.5580

■ 3.9101, 3.6158,
4.5934

■ 81.1459, 81.5100,
93.8154

■ 1.6514, 1.4610,
1.9562

105.3389,
106.2235, 121.6927

■ 0.4255, 0.2611,
0.5281

133.9177,
135.4866, 154.6084

■ 0.0000, 0.0000,
0.0000

167.2478,

169.6837, 192.9812

205.6945,
209.1993, 237.2294

■ 20.9258, 20.4643,
24.3198

■ 20.9258, 20.4643,
24.3198

■ 19.1422, 17.3076,
22.4593

■ 22.9499, 24.0859,
26.3091

■ 17.5878, 14.5941,
20.7224

■ 25.2218, 28.1876,
28.4292

■ 16.2529, 12.3044,
19.1057

■ 27.7507, 32.7873,
30.6841

■ 15.1265, 10.4165,
17.6050

■ 30.5446, 37.9011,
33.0769

■ 14.1965, 8.9067,
16.2157

■ 33.6114, 43.5444,
35.6106

■ 13.4497, 7.7483,
14.9329

■ 36.9584, 49.7319,
38.2884

■ 12.8709, 6.9116,
13.7509

■ 40.5930, 56.4778,
41.1129

■ 12.4427, 6.3616,
12.6633

■ 44.5219, 63.7957,
44.0870

■ 12.1226, 6.0033,
11.6879

■ 48.7518, 71.6988,
47.2133

Harmonies

Analogous

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



20.3657, 20.4643, 26.2738



20.9258, 20.4643, 24.3198



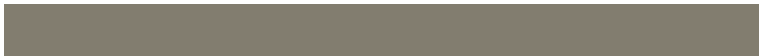
21.0864, 20.4643, 21.9364

Triad

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



20.9258, 20.4643, 24.3198



19.3296, 20.4643, 18.0269



18.1623, 20.4643, 24.9636

Complementary

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



20.9258, 20.4643, 24.3198



20.2516, 22.8742, 22.7510

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.



17.9018, 20.4643, 22.6315



20.9258, 20.4643, 24.3198



18.5635, 20.4643, 18.7168

Square

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



20.9258, 20.4643, 24.3198



20.1498, 20.4643, 18.4090



18.0466, 20.4643, 20.3616



18.7680, 20.4643, 26.6636

Rectangle

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



20.9258, 20.4643, 24.3198



20.9416, 20.4643, 20.4489



18.0466, 20.4643, 20.3616



18.0323, 20.4643, 24.2218

Sweetspot

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



20.9264, 20.4652, 24.3202



40.0772, 41.2994, 46.1297



19.6639, 19.7824, 25.7041



9.2171, 9.4492, 10.6206



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



20.9264, 20.4652, 24.3202



36.8350, 35.5115, 42.9016



20.4700, 20.2826, 21.9168



4.8027, 4.7407, 5.5731



11.1842, 5.5380, 10.8085



0.0419, 0.0204, 0.0540

Inverse Universe

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



20.9264, 20.4652, 24.3202



36.8350, 35.5115, 42.9016



20.7124, 23.0585, 25.1775



4.8027, 4.7407, 5.5731



11.1842, 5.5380, 10.8085



0.0419, 0.0204, 0.0540

Previews

White Background



This preview shows how the XYZ color 20.9258, 20.4643, 24.3198 looks on a white background.

Color Contrast Check

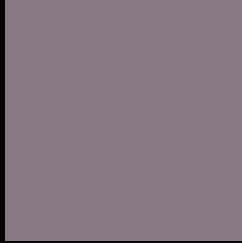
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9258, 20.4643, 24.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

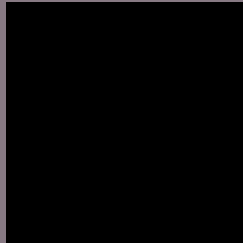
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.9258, 20.4643, 24.3198

Background



This preview shows how black text looks on a background with the XYZ color 20.9258, 20.4643, 24.3198.



This preview shows how white text looks on a background with the XYZ color 20.9258, 20.4643,

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

20.9258, 20.4643, 24.3198

Protanopia

19.8987, 20.4687, 25.0924

Deuteranopia

20.7656, 20.3818, 24.3123



Tritanopia

20.9258, 20.4643, 24.3198

Trichromacy



Original Color

20.9258, 20.4643, 24.3198

Protanomaly

20.3011, 20.4990, 24.7165

Deuteranomaly

20.7656, 20.3818, 24.3123

Tritanomaly

20.9258, 20.4643, 24.3198

Monochromacy



Original Color

20.9258, 20.4643, 24.3198

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.1572, 20.6409, 23.3438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.9258, 20.4643, 24.3198 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(135, 121, 131)` looks like.

```
.text, #text, p{  
    color:rgb(135, 121, 131)  
}
```

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(135, 121, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 121, 131) }
```

Border

The CSS property to change the border of an element to XYZ 20.9258, 20.4643, 24.3198 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(135, 121, 131) }
```


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

```
.border{ border-color:rgb(135, 121, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 121, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 121, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 121, 131);  
box-shadow:4px 4px 4px 4px rgb(135, 121,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 20.9258, 20.4643, 24.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 121, 131) }
```

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

```
.background{ background-color: rgb(135,  
121, 131) }
```

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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