

Converting Colors

XYZ(22.9974, 20.1692, 25.7069)

Have a look what the booklet for
XYZ(22.9974, 20.1692, 25.7069)
contains.

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Color

**XYZ(22.8560, 20.0436,
25.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	967187
RGB	150, 113, 135
RGB Percent	59%, 44%, 53%
CMY	0.4118, 0.5568, 0.4706
CMYK	0.00, 0.25, 0.10, 0.41
HSL	324°, 15%, 52%
HSV	324°, 25%, 59%
XYZ	22.8560, 20.0436, 25.5858
YIQ	126.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

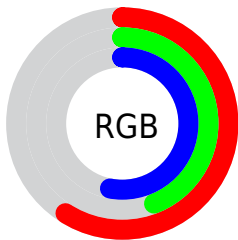
Format	Color
R_{YB}	150, 113, 135
Decimal	9859463
CIE _{Lab}	51.89, 18.31, -6.37
CIE _{LCh}	52, 19.389, 340.815
Yxy	20.0436, 0.3337, 0.2927
Android (android.graphics.Color)	4288049543 (0xFF967187)
YUV	126.5710, 4.1555, 20.5472
Hunter-Lab	44.7701, 12.7801, -2.5448

Details

The XYZ color **22.8560, 20.0436, 25.5858** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.6135, 26.8825, 24.4731**, and the grayscale version is **20.0090, 21.0510, 22.9246**.

A 20% lighter version of the original color is **47.7091, 43.5202, 53.4627**, and **8.6756, 7.0891, 9.5054** is the 20% darker color. If you saturate the color by 10%, you get **20.9029, 16.8030, 22.8823**, and if you desaturate by 10%, it is **25.1113, 23.8490, 28.5112**.

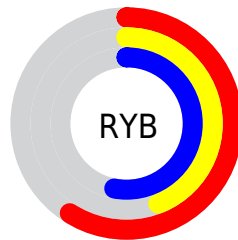
Distribution



Red (59%)

Green (44%)

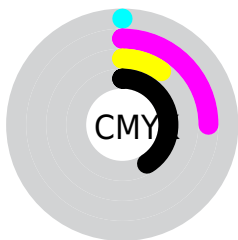
Blue (53%)



Red (59%)

Yellow (44%)

Blue (53%)

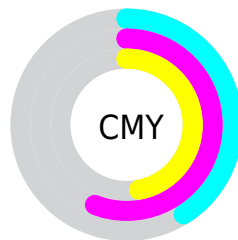


Cyan (0%)

Magenta (25%)

Yellow (10%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8560, 20.0436, 25.5858 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 22.8560, 20.0436, 25.5858 by changing the saturation by 10% instead.

■ 22.8560, 20.0436,
25.5858

■ 22.8560, 20.0436,
25.5858

259.5337,
252.1511, 294.2833

■ 14.6073, 12.4267,
16.2911

■ 47.6252, 43.4903,
53.5818

■ 8.6288, 7.0350,
9.5738

■ 64.8764, 60.0889,
73.1202

■ 4.5550, 3.4840,
5.0154

■ 85.8591, 80.4502,
96.9102

■ 2.0207, 1.3893,
2.1974

■ 110.9388,
104.9586, 125.3703

■ 0.6455, 0.2088,
0.6729

140.4807,
133.9985, 158.9192

■ 0.0000, 0.0000,
0.0000

174.8503,

167.9543, 197.9753

214.4128,
207.2103, 242.9571

■ 22.8560, 20.0436,
25.5858

■ 22.8560, 20.0436,
25.5858

■ 20.9029, 16.8030,
22.8823

■ 25.1113, 23.8490,
28.5112

■ 19.2363, 14.0972,
20.3927

■ 27.6802, 28.2420,
31.6636

■ 17.8417, 11.8974,
18.1105

■ 30.5754, 33.2472,
35.0493

■ 16.7024, 10.1712,
16.0279

■ 33.8086, 38.8874,
38.6741

■ 15.7999, 8.8821,
14.1367

■ 37.3907, 45.1839,
42.5434

■ 15.1131, 7.9885,
12.4275

■ 41.3323, 52.1570,
46.6625

■ 14.6153, 7.4381,
10.8892

■ 45.6433, 59.8263,
51.0366

■ 14.3887, 7.2085,
10.1248

■ 50.3334, 68.2106,
55.6705

■ 55.4120, 77.3278,
60.5690

Harmonies

Analogous

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



21.6348, 20.0436, 31.1045



22.8560, 20.0436, 25.5858



23.0179, 20.0436, 19.8517

Triad

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



22.8560, 20.0436, 25.5858



18.3491, 20.0436, 12.8104



16.3261, 20.0436, 29.7082

Complementary

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



22.8560, 20.0436, 25.5858



21.6135, 26.8825, 24.4731

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.



15.5680, 20.0436, 23.9230



22.8560, 20.0436, 25.5858



16.6813, 20.0436, 14.6018

Square

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



22.8560, 20.0436, 25.5858



20.3226, 20.0436, 13.0998



15.6933, 20.0436, 18.4504



17.8332, 20.0436, 33.7535

Rectangle

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



22.8560, 20.0436, 25.5858



22.4918, 20.0436, 16.7264



15.6933, 20.0436, 18.4504



15.9800, 20.0436, 27.8647

Sweetspot

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



22.8566, 20.0445, 25.5862



47.6748, 47.8238, 54.4647



20.2831, 18.5870, 31.3731



10.5133, 10.5091, 12.0069



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.



22.8566, 20.0445, 25.5862



38.2304, 31.8665, 42.2791



21.6768, 19.5726, 19.3738



5.9368, 5.8698, 6.7732



11.9497, 5.9849, 8.4823



0.1609, 0.0791, 0.1809

Inverse Universe

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



22.8566, 20.0445, 25.5862



38.2304, 31.8665, 42.2791



22.9288, 27.4086, 31.3990



5.9368, 5.8698, 6.7732



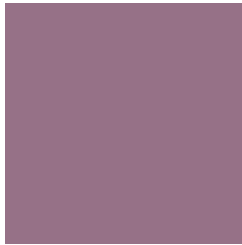
11.9497, 5.9849, 8.4823



0.1609, 0.0791, 0.1809

Previews

White Background



This preview shows how the XYZ color 22.8560, 20.0436, 25.5858 looks on a white background.

Color Contrast Check

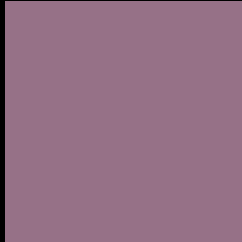
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8560, 20.0436, 25.5858 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 22.8560, 20.0436, 25.5858

Background



This preview shows how black text looks on a background with the XYZ color 22.8560, 20.0436, 25.5858.



This preview shows how white text looks on a background with the XYZ color 22.8560, 20.0436,

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

22.8560, 20.0436, 25.5858

Protanopia

19.7758, 20.1540, 28.0471

Deuteranopia

20.5353, 20.0597, 25.3438



Tritanopia

22.1633, 20.1063, 21.7815

Trichromacy



Original Color

22.8560, 20.0436, 25.5858

Protanomaly

20.7727, 19.9633, 27.1846

Deuteranomaly

21.3118, 19.9328, 25.2784

Tritanomaly

22.3080, 19.9827, 23.1034

Monochromacy



Original Color

22.8560, 20.0436, 25.5858

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9805, 20.6817, 24.0053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8560, 20.0436, 25.5858 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(150, 113, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 113, 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(150, 113, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 113, 135) }
```

Border

The CSS property to change the border of an element to XYZ 22.8560, 20.0436, 25.5858 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(150, 113, 135) }
```


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

```
.border{ border-color:rgb(150, 113, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 113, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 113, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 113, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 113,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8560, 20.0436, 25.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 113, 135) }
```

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

```
.background{ background-color: rgb(150,  
113, 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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