

Converting Colors

XYZ(20.4399, 15.9372, 28.4850)

Have a look what the booklet for
XYZ(20.4399, 15.9372, 28.4850)
contains.

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Color

**XYZ(20.3644, 15.8587,
28.3733)**

Conversions

Conversions Part 1

Format	Color
Hex	8F5E90
RGB	143, 94, 144
RGB Percent	56%, 37%, 56%
CMY	0.4392, 0.6314, 0.4353
CMYK	0.01, 0.35, 0.00, 0.44
HSL	299°, 21%, 47%
HSV	299°, 35%, 56%
XYZ	20.3644, 15.8587, 28.3733
YIQ	114.3510, 13.1540, 25.9380

Conversions

Conversions Part 2

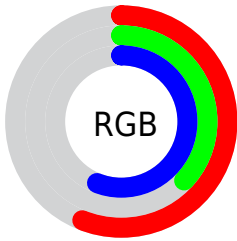
Format	Color
R _Y B	143, 94, 144
Decimal	9395856
CIE Lab	46.79, 28.55, -19.49
CIE LCh	47, 34.568, 325.681
Yxy	15.8587, 0.3153, 0.2455
Android (android.graphics.Color)	4287585936 (0xFF8F5E90)
YUV	114.3510, 14.6170, 25.1252
Hunter-Lab	39.8230, 21.5899, -14.3672

Details

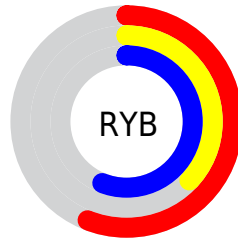
The XYZ color **20.3644, 15.8587, 28.3733** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **16.7136, 23.1880, 14.1854**, and the grayscale version is **16.0548, 16.8909, 18.3942**.

A 20% lighter version of the original color is **43.6071, 36.3338, 58.1409**, and **7.3664, 5.0196, 10.9366** is the 20% darker color. If you saturate the color by 10%, you get **19.1518, 13.5071, 27.9835**, and if you desaturate by 10%, it is **21.8171, 18.6896, 28.8434**.

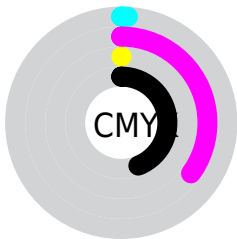
Distribution



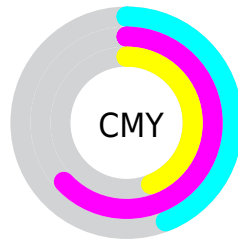
- Red (56%)
- Green (37%)
- Blue (56%)



- Red (56%)
- Yellow (37%)
- Blue (56%)



- Cyan (1%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3644, 15.8587, 28.3733 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 20.3644, 15.8587, 28.3733 by changing the saturation by 10% instead.

■ 20.3644, 15.8587,
28.3733

■ 20.3644, 15.8587,
28.3733

246.6772,
228.5065, 308.2143

■ 12.7700, 9.4242,
18.3658

■ 43.5266, 36.3527,
58.1101

■ 7.3463, 5.0189,
11.0408

■ 59.8251, 51.1811,
78.6765

■ 3.7278, 2.2584,
5.9797

■ 79.7557, 69.5761,
103.5996

■ 1.5493, 0.7515,
2.7642

■ 103.6837, 91.9224,
133.2979

■ 0.3590, 0.0000,
0.9755

131.9745,
118.6041, 168.1900

■ 0.0000, 0.0000,
0.0000

164.9934,

150.0058, 208.6944

203.1059,
186.5118, 255.2296

■ 20.3644, 15.8587,
28.3733

■ 20.3644, 15.8587,
28.3733

■ 19.1518, 13.5071,
27.9835

■ 21.8171, 18.6896,
28.8434

■ 18.1644, 11.6060,
27.6686

■ 23.5205, 22.0222,
29.3969

■ 17.3881, 10.1270,
27.4241

■ 25.4867, 25.8801,
30.0379

■ 16.8066, 9.0373,
27.2444

■ 27.7265, 30.2848,
30.7700

■ 16.4011, 8.2995,
27.1234

■ 30.2498, 35.2566,
31.5967

■ 16.1475, 7.8653,
27.0529

■ 33.0664, 40.8147,
32.5211

■ 16.0390, 7.6869,
27.0242

■ 36.1854, 46.9774,
33.5462

■ 39.6156, 53.7623,
34.6750

■ 43.3654, 61.1863,
35.9104

Harmonies

Analogous

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



17.7173, 15.8587, 36.8765



20.3644, 15.8587, 28.3733



21.5973, 15.8587, 18.5434

Triad

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



20.3644, 15.8587, 28.3733



15.5124, 15.8587, 5.4676



10.4441, 15.8587, 25.4734

Complementary

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



20.3644, 15.8587, 28.3733



16.7136, 23.1880, 14.1854

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.



10.0162, 15.8587, 16.0513



20.3644, 15.8587, 28.3733



12.7062, 15.8587, 6.2384

Square

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



20.3644, 15.8587, 28.3733



18.5698, 15.8587, 6.8920



10.7885, 15.8587, 9.5196



12.0457, 15.8587, 34.8488

Rectangle

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



20.3644, 15.8587, 28.3733



21.3459, 15.8587, 13.1714



10.7885, 15.8587, 9.5196



10.1682, 15.8587, 22.1351

Sweetspot

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



20.3649, 15.8594, 28.3736



42.9915, 41.7967, 52.3397



13.8034, 12.6992, 28.1095



9.7603, 9.3915, 11.9705



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.3649, 15.8594, 28.3736



34.1458, 24.5326, 49.4736



18.9357, 15.3078, 19.9395



5.6157, 5.5056, 6.7955



13.9694, 6.6951, 23.5331



0.1358, 0.0651, 0.2251

Inverse Universe

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



17.5705, 14.7617, 12.7506



28.4342, 22.2917, 17.4224



17.8205, 23.6189, 20.5529



5.4130, 5.4257, 5.6728



10.0306, 5.1693, 0.5467



0.0966, 0.0497, 0.0089

Previews

White Background



This preview shows how the XYZ color 20.3644, 15.8587, 28.3733 looks on a white background.

Color Contrast Check

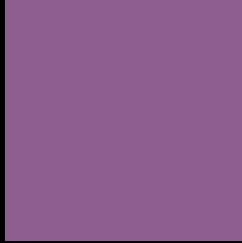
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3644, 15.8587, 28.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

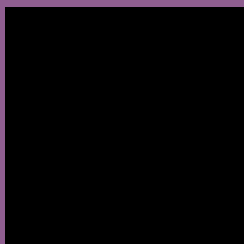
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.3644, 15.8587, 28.3733

Background



This preview shows how black text looks on a background with the XYZ color 20.3644, 15.8587, 28.3733.



This preview shows how white text looks on a background with the XYZ color 20.3644, 15.8587,

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

20.3644, 15.8587, 28.3733

Protanopia

16.5064, 16.0935, 33.6889

Deuteranopia

16.2202, 15.9245, 27.4181



Tritanopia

17.8952, 15.8148, 16.5774

Trichromacy



Original Color

20.3644, 15.8587, 28.3733

Protanomaly

17.5572, 15.7450, 31.8195

Deuteranomaly

17.4405, 15.7756, 27.7170

Tritanomaly

18.6958, 15.7160, 20.4605

Monochromacy



Original Color

20.3644, 15.8587, 28.3733

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

17.4168, 16.3560, 21.6411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3644, 15.8587, 28.3733 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(143, 94, 144)` looks like.

```
.text, #text, p{  
  color:rgb(143, 94, 144)  
}
```

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(143, 94, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 94, 144) }
```

Border

The CSS property to change the border of an element to XYZ 20.3644, 15.8587, 28.3733 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(143, 94, 144) }
```


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

```
.border{ border-color:rgb(143, 94, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 94, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 94, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 94, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 94,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3644, 15.8587, 28.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 94, 144) }
```

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

```
.background{ background-color: rgb(143, 94,  
144) }
```

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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