

Converting Colors

XYZ(19.2785, 16.3601, 26.2801)

Have a look what the booklet for
XYZ(19.2785, 16.3601, 26.2801)
contains.

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Color

**XYZ(19.2328, 16.2932,
26.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	87658A
RGB	135, 101, 138
RGB Percent	53%, 40%, 54%
CMY	0.4706, 0.6039, 0.4588
CMYK	0.02, 0.27, 0.00, 0.46
HSL	295°, 15%, 47%
HSV	295°, 27%, 54%
XYZ	19.2328, 16.2932, 26.1760
YIQ	115.3840, 8.3870, 18.7150

Conversions

Conversions Part 2

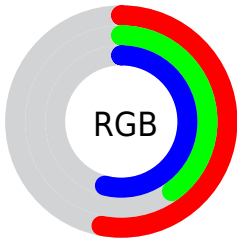
Format	Color
R_{YB}	135, 101, 138
Decimal	8873354
CIE _{Lab}	47.36, 20.45, -15.12
CIE _{LCh}	47, 25.437, 323.520
Yxy	16.2932, 0.3117, 0.2641
Android (android.graphics.Color)	4287063434 (0xFF87658A)
YUV	115.3840, 11.1497, 17.2032
Hunter-Lab	40.3648, 14.4122, -10.1933

Details

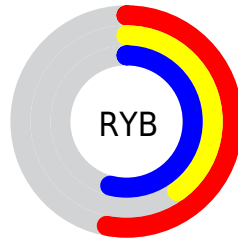
The XYZ color **19.2328, 16.2932, 26.1760** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.1469, 22.0600, 15.6669**, and the grayscale version is **16.3781, 17.2310, 18.7646**.

A 20% lighter version of the original color is **41.7289, 37.0811, 54.8272**, and **6.8269, 5.2742, 9.8907** is the 20% darker color. If you saturate the color by 10%, you get **17.8249, 13.7429, 25.7582**, and if you desaturate by 10%, it is **20.8686, 19.2959, 26.6696**.

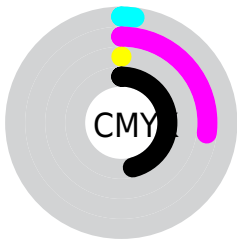
Distribution



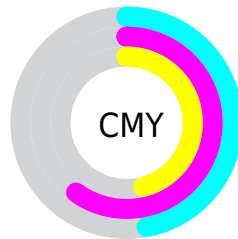
- Red (53%)
- Green (40%)
- Blue (54%)



- Red (53%)
- Yellow (40%)
- Blue (54%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2328, 16.2932, 26.1760 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 19.2328, 16.2932, 26.1760 by changing the saturation by 10% instead.

■ 19.2328, 16.2932,
26.1760

■ 19.2328, 16.2932,
26.1760

240.6445,
231.0657, 297.2779

■ 11.9436, 9.7319,
16.7284

■ 41.6409, 37.1065,
54.5463

■ 6.7772, 5.2215,
9.8811

■ 57.4906, 52.1272,
74.3061

■ 3.3683, 2.3778,
5.2156

■ 76.9245, 70.7365,
98.3404

■ 1.3514, 0.8144,
2.3134

■ 100.3079, 93.3188,
127.0677

■ 0.2212, 0.0000,
0.7387

128.0063,
120.2585, 160.9065

■ 0.0000, 0.0000,
0.0000

160.3849,

151.9399, 200.2755

197.8092,
188.7475, 245.5931

■ 19.2328, 16.2932,
26.1760

■ 19.2328, 16.2932,
26.1760

■ 17.8249, 13.7429,
25.7582

■ 20.8686, 19.2959,
26.6696

■ 16.6321, 11.6205,
25.4114

■ 22.7413, 22.7697,
27.2414

■ 15.6429, 9.9022,
25.1319

■ 24.8611, 26.7350,
27.8951

■ 14.8436, 8.5611,
24.9151

■ 27.2373, 31.2102,
28.6336

■ 14.2193, 7.5672,
24.7562

■ 29.8786, 36.2130,
29.4600

■ 13.7526, 6.8858,
24.6493

■ 32.7935, 41.7598,
30.3771

■ 13.4129, 6.4556,
24.5841

■ 35.9898, 47.8668,
31.3874

■ 13.3120, 6.3326,
24.5657

■ 39.4753, 54.5492,
32.4935

■ 43.2573, 61.8217,
33.6979

Harmonies

Analogous

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



17.2781, 16.2932, 31.7032



19.2328, 16.2932, 26.1760



20.1961, 16.2932, 19.1762

Triad

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



19.2328, 16.2932, 26.1760



15.9797, 16.2932, 8.0558



11.8476, 16.2932, 23.1602

Complementary

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



19.2328, 16.2932, 26.1760



17.1469, 22.0600, 15.6669

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.



11.5721, 16.2932, 16.3783



19.2328, 16.2932, 26.1760



13.8227, 16.2932, 8.6305

Square

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



19.2328, 16.2932, 26.1760



18.2041, 16.2932, 9.5249



12.2608, 16.2932, 11.3453



13.0532, 16.2932, 29.6878

Rectangle

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



19.2328, 16.2932, 26.1760



20.0862, 16.2932, 14.9980



12.2608, 16.2932, 11.3453



11.6483, 16.2932, 20.7985

Sweetspot

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



19.2333, 16.2939, 26.1764



39.6106, 39.2516, 47.8718



14.9136, 14.5198, 26.0616



8.7807, 8.6110, 10.7056



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.



19.2333, 16.2939, 26.1764



32.3962, 25.9854, 45.6914



18.6845, 16.1309, 20.7318



5.1945, 5.1087, 6.3181



12.2108, 5.8090, 22.5234



0.0866, 0.0414, 0.1499

Inverse Universe

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



17.6341, 15.7108, 15.2004



29.1253, 24.7982, 22.9938



17.6325, 22.2147, 20.0095



5.0483, 5.0547, 5.3427



9.6688, 4.9776, 0.7603



0.0661, 0.0338, 0.0149

Previews

White Background



This preview shows how the XYZ color 19.2328, 16.2932, 26.1760 looks on a white background.

Color Contrast Check

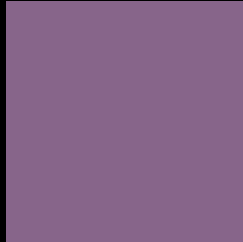
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2328, 16.2932, 26.1760 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 19.2328, 16.2932, 26.1760

Background



This preview shows how black text looks on a background with the XYZ color 19.2328, 16.2932, 26.1760.



This preview shows how white text looks on a background with the XYZ color 19.2328, 16.2932,

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

19.2328, 16.2932, 26.1760

Protanopia

16.5042, 16.3563, 29.0753

Deuteranopia

16.7020, 16.3742, 25.5728



Tritanopia

17.7070, 16.4285, 18.1573

Trichromacy



Original Color

19.2328, 16.2932, 26.1760

Protanomaly

17.2104, 16.1132, 27.7943

Deuteranomaly

17.5188, 16.3146, 25.8926

Tritanomaly

18.1983, 16.3172, 20.9293

Monochromacy



Original Color

19.2328, 16.2932, 26.1760

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.1771, 16.7195, 21.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2328, 16.2932, 26.1760 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, 101, 138)` looks like.

```
.text, #text, p{  
    color:rgb(135, 101, 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(135, 101, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 101, 138) }
```

Border

The CSS property to change the border of an element to XYZ 19.2328, 16.2932, 26.1760 is called "border". The border property can be set on classes, ids or directly on the HTML element.

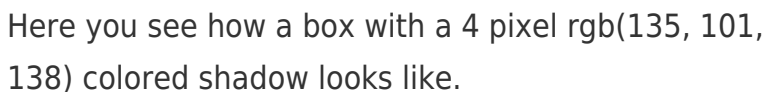
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 101, 138) }
```


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

```
.border{ border-color:rgb(135, 101, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 101, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 101, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 101, 138); box-shadow:4px 4px 4px 4px rgb(135, 101, 138) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2328, 16.2932, 26.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 101, 138) }
```

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

```
.background{ background-color: rgb(135,  
101, 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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