

Converting Colors

XYZ(32.0504, 26.7131, 56.9089)

Have a look what the booklet for
XYZ(32.0504, 26.7131, 56.9089)
contains.

XYZ(32.0128, 26.7847, 56.9088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0128, 26.7847,
56.9088)**

Conversions

Conversions Part 1

Format	Color
Hex	9E80C6
RGB	158, 128, 198
RGB Percent	62%, 50%, 78%
CMY	0.3804, 0.4980, 0.2235
CMYK	0.20, 0.35, 0.00, 0.22
HSL	266°, 38%, 64%
HSV	266°, 35%, 78%
XYZ	32.0128, 26.7847, 56.9088
YIQ	144.9500, -4.5900, 28.1300

Conversions

Conversions Part 2

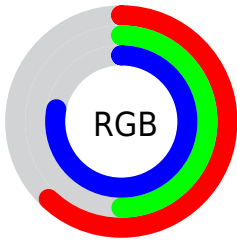
Format	Color
R_{YB}	158, 128, 198
Decimal	10387654
CIE _{Lab}	58.77, 25.58, -32.18
CIE _{LCh}	59, 41.108, 308.478
Yxy	26.7847, 0.2767, 0.2315
Android (android.graphics.Color)	4288577734 (0xFF9E80C6)
YUV	144.9500, 26.1537, 11.4449
Hunter-Lab	51.7539, 19.8432, -28.9677

Details

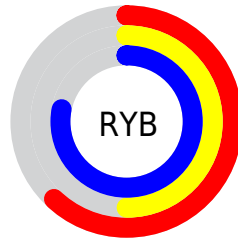
The XYZ color **32.0128, 26.7847, 56.9088** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.2396, 50.2721, 28.0059**, and the grayscale version is **26.7927, 28.1880, 30.6967**.

A 20% lighter version of the original color is **62.3054, 54.5639, 101.8558**, and **13.5841, 10.4657, 27.6897** is the 20% darker color. If you saturate the color by 10%, you get **27.5539, 21.0195, 56.0315**, and if you desaturate by 10%, it is **37.1824, 33.6655, 57.9649**.

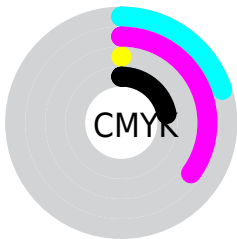
Distribution



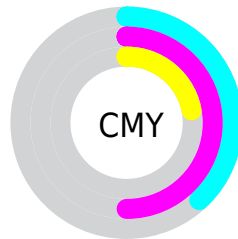
- Red (62%)
- Green (50%)
- Blue (78%)



- Red (62%)
- Yellow (50%)
- Blue (78%)



- Cyan (20%)
- Magenta (35%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0128, 26.7847, 56.9088 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 32.0128, 26.7847, 56.9088 by changing the saturation by 10% instead.

■ 32.0128, 26.7847,
56.9088

■ 32.0128, 26.7847,
56.9088

302.9218,
286.6132, 430.5916

■ 21.5269, 17.4116,
40.5232

■ 62.1962, 54.5382,
101.8311

■ 13.6243, 10.5284,
27.6298

■ 82.6244, 73.6874,
131.2049

■ 7.9398, 5.7507,
17.8102

■ 107.0974, 96.8640,
165.7451

■ 4.1079, 2.6941,
10.6458

135.9806,
124.4525, 205.8702

■ 1.7634, 0.9742,
5.7180

169.6392,
156.8373, 251.9989

■ 0.4955, 0.0000,
2.6084

208.4387,

■ 0.0000, 0.0000,

194.4027, 304.5497

0.8968

252.7445,
237.5332, 363.9411

■ 0.0000, 0.0000,
0.0000

■ 32.0128, 26.7847,
56.9088

■ 32.0128, 26.7847,
56.9088

■ 27.5539, 21.0195,
56.0315

■ 37.1824, 33.6655,
57.9649

■ 23.7679, 16.3050,
55.3210

■ 43.0923, 41.7155,
59.2072

■ 20.6177, 12.5743,
54.7670

■ 49.7735, 50.9887,
60.6450

■ 18.0605, 9.7513,
54.3568

■ 57.2547, 61.5346,
62.2863

■ 16.0477, 7.7478,
54.0762

■ 65.5626, 73.4001,
64.1387

■ 14.5208, 6.4565,
53.9074

■ 74.7229, 86.6295,
66.2094

■ 13.9265, 6.0019,
53.8510

■ 80.9458, 93.6367,
67.2339

■ 84.8480, 95.6483,
67.4165

■ 87.1931, 96.8573,
67.5263

Harmonies

Analogous

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



26.9213, 26.7847, 66.3737



32.0128, 26.7847, 56.9088



35.6377, 26.7847, 40.6424

Triad

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



32.0128, 26.7847, 56.9088



29.2015, 26.7847, 10.1485



16.9877, 26.7847, 33.4733

Complementary

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



32.0128, 26.7847, 56.9088



40.2396, 50.2721, 28.0059

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.



17.4288, 26.7847, 20.0800



32.0128, 26.7847, 56.9088



24.0488, 26.7847, 9.3584

Square

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



32.0128, 26.7847, 56.9088



33.8706, 26.7847, 15.0218



19.8653, 26.7847, 12.3223



18.5684, 26.7847, 50.1939

Rectangle

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



32.0128, 26.7847, 56.9088



36.4900, 26.7847, 29.9113



19.8653, 26.7847, 12.3223



16.9092, 26.7847, 28.4292

Sweetspot

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



32.0137, 26.7858, 56.9094



81.0924, 80.4766, 105.8672



33.2530, 36.9813, 58.8120



17.0148, 16.7514, 22.5865



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.0137, 26.7858, 56.9094



50.8211, 39.8113, 99.6135



39.6934, 30.7448, 57.2688



10.4805, 10.5060, 13.3930



9.1505, 3.9515, 35.0248



0.5158, 0.2296, 1.6623

Inverse Universe

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



38.0766, 30.2723, 40.8830



63.3352, 47.0169, 66.1235



33.8962, 47.0020, 27.7090



10.8836, 10.7368, 12.3701



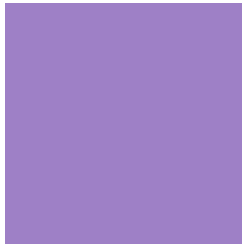
17.1324, 8.6025, 11.1732



0.8470, 0.4216, 0.7174

Previews

White Background



This preview shows how the XYZ color 32.0128, 26.7847, 56.9088 looks on a white background.

Color Contrast Check

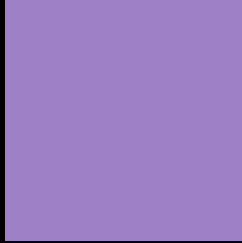
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0128, 26.7847, 56.9088 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 32.0128, 26.7847, 56.9088

Background



This preview shows how black text looks on a background with the XYZ color 32.0128, 26.7847, 56.9088.



This preview shows how white text looks on a background with the XYZ color 32.0128, 26.7847,

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

32.0128, 26.7847, 56.9088

Protanopia

28.1029, 26.8922, 62.7410

Deuteranopia

27.6541, 27.0268, 55.9837



Tritanopia

26.9077, 26.7364, 32.1762

Trichromacy



Original Color

32.0128, 26.7847, 56.9088

Protanomaly

29.2359, 26.6741, 60.7345

Deuteranomaly

29.0355, 26.8738, 56.4801

Tritanomaly

28.4490, 26.5156, 40.1778

Monochromacy



Original Color

32.0128, 26.7847, 56.9088

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.5111, 27.6296, 38.9523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0128, 26.7847, 56.9088 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(158, 128, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 128, 198)  
}
```

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(158, 128, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 128, 198) }
```

Border

The CSS property to change the border of an element to XYZ 32.0128, 26.7847, 56.9088 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(158, 128, 198) }
```


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

```
.border{ border-color:rgb(158, 128, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 128, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 128, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 128, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 128,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0128, 26.7847, 56.9088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 128, 198) }
```

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

```
.background{ background-color: rgb(158,  
128, 198) }
```

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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