

Converting Colors

XYZ(32.0835, 25.7957, 60.4153)

Have a look what the booklet for
XYZ(32.0835, 25.7957, 60.4153)
contains.

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Color

**XYZ(32.0826, 25.7947,
60.4147)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7BCC
RGB	158, 123, 204
RGB Percent	62%, 48%, 80%
CMY	0.3804, 0.5176, 0.2000
CMYK	0.23, 0.40, 0.00, 0.20
HSL	266°, 44%, 64%
HSV	266°, 40%, 80%
XYZ	32.0826, 25.7947, 60.4147
YIQ	142.6990, -5.1410, 32.6110

Conversions

Conversions Part 2

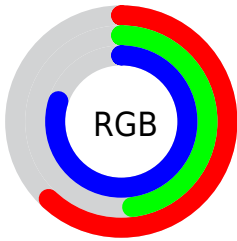
Format	Color
R _Y B	158, 123, 204
Decimal	10386380
CIE Lab	57.84, 29.85, -37.03
CIE LCh	58, 47.566, 308.872
Yxy	25.7947, 0.2712, 0.2181
Android (android.graphics.Color)	4288576460 (0xFF9E7BCC)
YUV	142.6990, 30.2214, 13.4190
Hunter-Lab	50.7885, 23.8769, -34.9756

Details

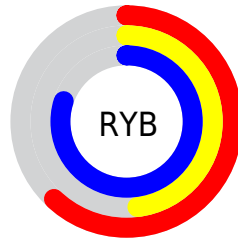
The XYZ color **32.0826, 25.7947, 60.4147** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **41.5310, 53.0514, 26.7910**, and the grayscale version is **25.8743, 27.2218, 29.6446**.

A 20% lighter version of the original color is **61.3069, 52.5668, 101.5229**, and **13.6993, 10.0707, 29.6556** is the 20% darker color. If you saturate the color by 10%, you get **27.6384, 20.1307, 59.5561**, and if you desaturate by 10%, it is **37.2708, 32.6261, 61.4603**.

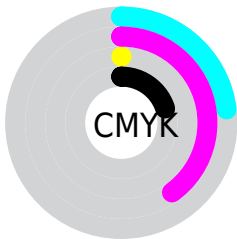
Distribution



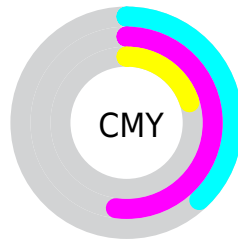
- Red (62%)
- Green (48%)
- Blue (80%)



- Red (62%)
- Yellow (48%)
- Blue (80%)



- Cyan (23%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (38%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0826, 25.7947, 60.4147 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 32.0826, 25.7947, 60.4147 by changing the saturation by 10% instead.

■ 32.0826, 25.7947,
60.4147

■ 32.0826, 25.7947,
60.4147

303.2340,
281.7728, 443.9717

■ 21.5805, 16.6701,
43.3255

■ 62.3049, 52.9436,
106.9803

■ 13.6638, 9.9996,
29.8073

■ 82.7557, 71.7366,
137.2937

■ 7.9674, 5.3987,
19.4416

■ 107.2535, 94.5213,
172.8523

■ 4.1257, 2.4830,
11.8097

136.1636,
121.6820, 214.0746

■ 1.7735, 0.8681,
6.4933

169.8513,
153.6031, 261.3792

■ 0.5016, 0.0000,
3.0737

208.6820,

■ 0.0000, 0.0000,

190.6690, 315.1845

1.1324

253.0211,
233.2641, 375.9091

■ 0.0000, 0.0000,
0.0000

■ 32.0826, 25.7947,
60.4147

■ 32.0826, 25.7947,
60.4147

■ 27.6384, 20.1307,
59.5561

■ 37.2708, 32.6261,
61.4603

■ 23.8964, 15.5619,
58.8715

■ 43.2360, 40.6849,
62.7014

■ 20.8148, 12.0127,
58.3488

■ 50.0126, 50.0309,
64.1482

■ 18.3452, 9.3961,
57.9739

■ 57.6318, 60.7188,
65.8096

■ 16.4313, 7.6098,
57.7300

■ 66.1231, 72.8001,
67.6940

■ 14.9768, 6.4715,
57.5870

■ 75.5146, 86.3236,
69.8093

■ 14.9377, 6.4416,
57.5833

■ 82.2891, 94.2476,
70.9817

■ 86.3291, 96.3303,
71.1708

■ 87.8992, 97.1397,
71.2443

Harmonies

Analogous

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



26.2517, 25.7947, 72.0834



32.0826, 25.7947, 60.4147



36.2657, 25.7947, 41.0296

Triad

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



32.0826, 25.7947, 60.4147



28.6964, 25.7947, 7.7668



15.1814, 25.7947, 33.2263

Complementary

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



32.0826, 25.7947, 60.4147



41.5310, 53.0514, 26.7910

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.



15.6270, 25.7947, 18.1986



32.0826, 25.7947, 60.4147



22.8606, 25.7947, 7.0516

Square

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



32.0826, 25.7947, 60.4147



34.1091, 25.7947, 12.6001



18.2455, 25.7947, 10.0152



16.9165, 25.7947, 52.8366

Rectangle

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



32.0826, 25.7947, 60.4147



37.2306, 25.7947, 28.7103



18.2455, 25.7947, 10.0152



15.0876, 25.7947, 27.4709

Sweetspot

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



32.0835, 25.7957, 60.4153



79.9465, 78.8584, 105.6153



33.4900, 37.4148, 62.5839



16.7867, 16.4290, 22.5363



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.



32.0835, 25.7957, 60.4153



46.5086, 34.2609, 98.7695



41.0743, 30.4306, 60.8360



11.0538, 11.0771, 14.1259



9.5043, 4.1072, 36.2481



0.5767, 0.2564, 1.8740

Inverse Universe

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



39.1470, 29.8689, 41.2390



60.2467, 42.1953, 60.9153



34.3365, 49.3425, 26.4543



11.4747, 11.3186, 13.0346



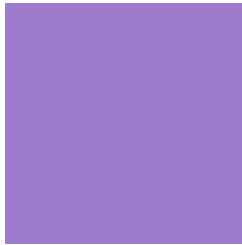
17.6997, 8.8905, 11.4033



0.9507, 0.4737, 0.7864

Previews

White Background



This preview shows how the XYZ color 32.0826, 25.7947, 60.4147 looks on a white background.

Color Contrast Check

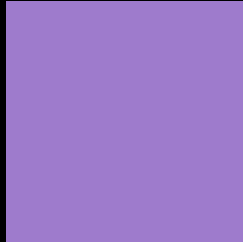
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.0826, 25.7947, 60.4147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

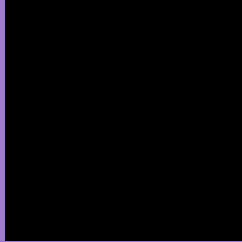
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0826, 25.7947, 60.4147

Background



This preview shows how black text looks on a background with the XYZ color 32.0826, 25.7947, 60.4147.



This preview shows how white text looks on a background with the XYZ color 32.0826, 25.7947,

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

32.0826, 25.7947, 60.4147

Protanopia

27.6418, 26.1126, 67.8733

Deuteranopia

26.5705, 25.9714, 58.8709



Tritanopia

26.0650, 25.6992, 30.7808

Trichromacy



Original Color

32.0826, 25.7947, 60.4147

Protanomaly

28.7615, 25.7177, 65.0761

Deuteranomaly

28.2541, 25.7852, 59.3650

Tritanomaly

28.0402, 25.6980, 40.0415

Monochromacy



Original Color

32.0826, 25.7947, 60.4147

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.8084, 26.6208, 39.2700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0826, 25.7947, 60.4147 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, 123, 204)` looks like.

```
.text, #text, p{  
    color:rgb(158, 123, 204)  
}
```

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, 123, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 123, 204) }
```

Border

The CSS property to change the border of an element to XYZ 32.0826, 25.7947, 60.4147 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, 123, 204) }
```


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

```
.border{ border-color:rgb(158, 123, 204) }
```

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

Here you see how a box with a 4 pixel rgb(158, 123, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 123, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 123, 204);  
box-shadow:4px 4px 4px 4px rgb(158, 123,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0826, 25.7947, 60.4147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 123, 204) }
```

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

```
.background{ background-color: rgb(158,  
123, 204) }
```

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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