

Converting Colors

XYZ(32.3053, 39.9676, 26.0560)

Have a look what the booklet for
XYZ(32.3053, 39.9676, 26.0560)
contains.

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Color

**XYZ(32.1456, 39.7627,
26.0594)**

Conversions

Conversions Part 1

Format	Color
Hex	95B27F
RGB	149, 178, 127
RGB Percent	58%, 70%, 50%
CMY	0.4157, 0.3019, 0.5020
CMYK	0.16, 0.00, 0.29, 0.30
HSL	94°, 25%, 60%
HSV	94°, 29%, 70%
XYZ	32.1456, 39.7627, 26.0594
YIQ	163.5150, -0.9130, -22.0090

Conversions

Conversions Part 2

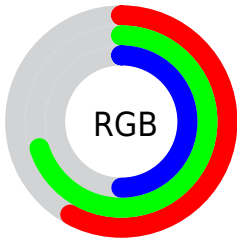
Format	Color
RYB	127, 178, 156
Decimal	9810559
CIELab	69.30, -19.31, 22.90
CIElCh	69, 29.952, 130.146
Yxy	39.7627, 0.3281, 0.4059
Android (android.graphics.Color)	4288000639 (0xFF95B27F)
YUV	163.5150, -18.0019, -12.7297
Hunter-Lab	63.0577, -19.3550, 19.6380

Details

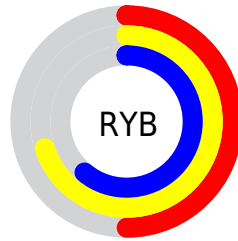
The XYZ color **32.1456, 39.7627, 26.0594** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **29.3373, 25.4622, 45.4902**, and the grayscale version is **35.1402, 36.9702, 40.2606**.

A 20% lighter version of the original color is **62.5629, 74.9783, 54.3549**, and **13.6029, 17.7444, 9.7292** is the 20% darker color. If you saturate the color by 10%, you get **29.3195, 38.4294, 20.3972**, and if you desaturate by 10%, it is **35.3393, 41.2642, 32.8104**.

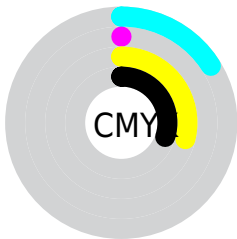
Distribution



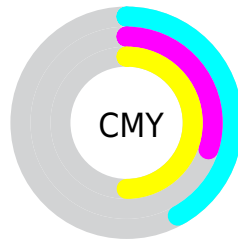
- Red (58%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (61%)



- Cyan (16%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)



- Cyan (42%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1456, 39.7627, 26.0594 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 32.1456, 39.7627, 26.0594 by changing the saturation by 10% instead.

■ 32.1456, 39.7627,
26.0594

■ 32.1456, 39.7627,
26.0594

303.5155,
345.1224, 296.6883

■ 21.6288, 27.3536,
16.6419

■ 62.4029, 74.8020,
54.3560

■ 13.6995, 17.8389,
9.8203

■ 82.8742, 98.2010,
74.0722

■ 7.9923, 10.8344,
5.1759

■ 107.3943,
126.0321, 98.0584

■ 4.1418, 5.9556,
2.2903

136.3287,
158.6796, 126.7332

■ 1.7826, 2.8181,
0.7258

170.0426,
196.5280, 160.5150

■ 0.5072, 1.0375,
0.0000

208.9015,

■ 0.0000, 0.0000,

239.9617, 199.8224

0.0000

253.2707,
289.3650, 245.0740

■ 32.1456, 39.7627,
26.0594

■ 32.1456, 39.7627,
26.0594

■ 29.3195, 38.4294,
20.3972

■ 35.3393, 41.2642,
32.8104

■ 26.8430, 37.2527,
15.7642

■ 38.9115, 42.9348,
40.7003

■ 24.7013, 36.2275,
12.0989

■ 42.8762, 44.7819,
49.7795

■ 22.8767, 35.3463,
9.3326

■ 47.2460, 46.8108,
60.0944

■ 21.3500, 34.6007,
7.3870

■ 52.0327, 49.0268,
71.6890

■ 20.0989, 33.9813,
6.1709

■ 57.2477, 51.4347,
84.6052

■ 19.0879, 33.4734,
5.5239

■ 62.9018, 54.0393,
98.8827

■ 18.9639, 33.4110,
5.4495

■ 66.5984, 55.8824,
101.8840

■ 69.9418, 57.6060,
102.0405

Harmonies

Analogous

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



36.1894, 39.7627, 22.1278



32.1456, 39.7627, 26.0594



29.7547, 39.7627, 34.9182

Triad

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



32.1456, 39.7627, 26.0594



34.7424, 39.7627, 73.2444



47.6336, 39.7627, 38.8003

Complementary

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



32.1456, 39.7627, 26.0594



29.3373, 25.4622, 45.4902

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.



47.1631, 39.7627, 52.9141



32.1456, 39.7627, 26.0594



39.4438, 39.7627, 74.9017

Square

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



32.1456, 39.7627, 26.0594



31.1636, 39.7627, 62.6867



44.0664, 39.7627, 66.8257



45.3022, 39.7627, 28.3816

Rectangle

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



32.1456, 39.7627, 26.0594



29.2891, 39.7627, 43.3623



44.0664, 39.7627, 66.8257



47.8023, 39.7627, 43.2274

Sweetspot

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



32.1466, 39.7644, 26.0603



70.2171, 77.6956, 73.0328



34.0642, 34.7423, 24.9898



15.3409, 17.1128, 15.6972



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



32.1466, 39.7644, 26.0603



55.1715, 70.6343, 40.9292



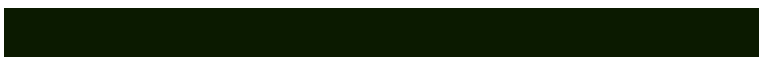
28.7302, 37.9771, 27.0769



8.7250, 9.6633, 9.0579



13.6375, 23.9405, 3.9022



0.4964, 0.7880, 0.1259

Inverse Universe

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



29.3373, 25.4622, 45.4902



49.2828, 40.6701, 81.6338



33.6497, 27.7243, 43.9316



8.4890, 8.4606, 10.6920



9.6809, 4.3265, 30.4618



0.3699, 0.1698, 0.9615

Previews

White Background



This preview shows how the XYZ color 32.1456, 39.7627, 26.0594 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 32.1456, 39.7627, 26.0594 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 ✓ Pass

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

XYZ 32.1456, 39.7627, 26.0594

Background



This preview shows how black text looks on a background with the XYZ color 32.1456, 39.7627, 26.0594.



This preview shows how white text looks on a background with the XYZ color 32.1456, 39.7627,

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

32.1456, 39.7627, 26.0594

Protanopia

36.8192, 39.6298, 24.4476

Deuteranopia

40.2383, 39.4581, 26.6145



Tritanopia

37.3152, 39.8556, 51.0736

Trichromacy



Original Color

32.1456, 39.7627, 26.0594

Protanomaly

34.7528, 39.3953, 24.8412

Deuteranomaly

36.7875, 39.2935, 26.4144

Tritanomaly

35.2645, 39.8850, 40.4903

Monochromacy



Original Color

32.1456, 39.7627, 26.0594

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.0720, 37.9812, 34.8135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1456, 39.7627, 26.0594 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(149, 178, 127)` looks like.

```
.text, #text, p{  
    color:rgb(149, 178, 127)  
}
```

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(149, 178, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 178, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.1456, 39.7627, 26.0594 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(149, 178, 127) }
```


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

```
.border{ border-color:rgb(149, 178, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 178, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 178, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 178, 127);  
box-shadow:4px 4px 4px 4px rgb(149, 178,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1456, 39.7627, 26.0594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 178, 127) }
```

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

```
.background{ background-color: rgb(149,  
178, 127) }
```

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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