

Converting Colors

XYZ(32.9431, 41.2197, 26.1784)

Have a look what the booklet for
XYZ(32.9431, 41.2197, 26.1784)
contains.

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Color

**XYZ(32.9323, 41.0641,
26.2691)**

Conversions

Conversions Part 1

Format	Color
Hex	96B57F
RGB	150, 181, 127
RGB Percent	59%, 71%, 50%
CMY	0.4118, 0.2902, 0.5020
CMYK	0.17, 0.00, 0.30, 0.29
HSL	94°, 27%, 60%
HSV	94°, 30%, 71%
XYZ	32.9323, 41.0641, 26.2691
YIQ	165.5750, -1.1420, -23.3660

Conversions

Conversions Part 2

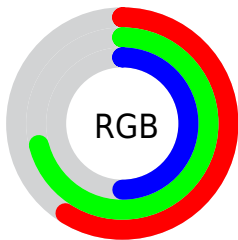
Format	Color
RYB	127, 181, 158
Decimal	9876863
CIELab	70.22, -20.46, 24.15
CIElCh	70, 31.652, 130.272
Yxy	41.0641, 0.3285, 0.4096
Android (android.graphics.Color)	4288066943 (0xFF96B57F)
YUV	165.5750, -19.0175, -13.6593
Hunter-Lab	64.0813, -20.4085, 20.5519

Details

The XYZ color **32.9323, 41.0641, 26.2691** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.0322, 25.7852, 47.1125**, and the grayscale version is **36.1305, 38.0121, 41.3952**.

A 20% lighter version of the original color is **63.6992, 76.8428, 54.6549**, and **14.0957, 18.5708, 9.8628** is the 20% darker color. If you saturate the color by 10%, you get **30.0291, 39.6930, 20.5190**, and if you desaturate by 10%, it is **36.2192, 42.6110, 33.1452**.

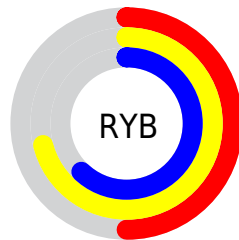
Distribution



Red (59%)

Green (71%)

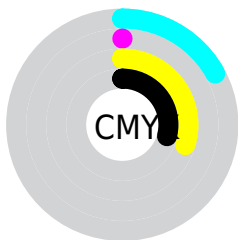
Blue (50%)



Red (50%)

Yellow (71%)

Blue (62%)

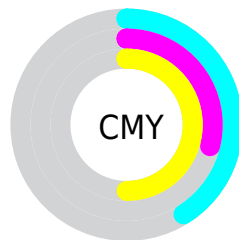


Cyan (17%)

Magenta (0%)

Yellow (30%)

Black (29%)



Cyan (41%)


Magenta (29%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9323, 41.0641, 26.2691 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 32.9323, 41.0641, 26.2691 by changing the saturation by 10% instead.


 32.9323, 41.0641,
26.2691


 32.9323, 41.0641,
26.2691


307.0149,
350.5884, 297.7480

 22.2336, 28.3692,
16.7975


 63.6252, 76.7812,
54.6982

 14.1462, 18.6041,
9.9298


 84.3501, 100.5721,
74.4927

 8.3048, 11.3846,
5.2474


 109.1477,
128.8306, 98.5653

 4.3440, 6.3261,
2.3319

138.3835,
161.9408, 127.3345

 1.8985, 3.0444,
0.7490

172.4228,
200.2874, 161.2188

 0.5760, 1.1550,
0.0000

211.6309,

 0.0000, 0.0244,

244.2546, 200.6368

0.0000

256.3731,
294.2268, 246.0070

■ 0.0000, 0.0000,
0.0000

■ 32.9323, 41.0641,
26.2691

■ 32.9323, 41.0641,
26.2691

■ 30.0291, 39.6930,
20.5190

■ 36.2192, 42.6110,
33.1452

■ 27.4907, 38.4855,
15.8321

■ 39.9013, 44.3348,
41.2000

■ 25.3012, 37.4361,
12.1438


■ 43.9936, 46.2431,
50.4863


■ 23.4419, 36.5369,
9.3812


■ 48.5093, 48.3418,
61.0529


■ 21.8923, 35.7789,
7.4615


■ 53.4609, 50.6364,
72.9458


 20.6286, 35.1521,
6.2873


 58.8603, 53.1319,
86.2090

 19.6078, 34.6386,
5.6611

 64.7191, 55.8335,
100.8840

 19.5923, 34.6308,
5.6518

 68.2230, 57.6158,
102.1330

 71.7188, 59.4180,
102.2966

Harmonies

Analogous

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



37.2788, 41.0641, 22.0859



32.9323, 41.0641, 26.2691



30.3756, 41.0641, 35.7473

Triad

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



32.9323, 41.0641, 26.2691



35.7597, 41.0641, 77.3437



49.6881, 41.0641, 39.8100

Complementary

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



32.9323, 41.0641, 26.2691



30.0322, 25.7852, 47.1125

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.



49.1899, 41.0641, 55.0622



32.9323, 41.0641, 26.2691



40.8356, 41.0641, 79.1132

Square

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



32.9323, 41.0641, 26.2691



31.9051, 41.0641, 65.8310



45.8379, 41.0641, 70.2347



47.1442, 41.0641, 28.6746

Rectangle

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



32.9323, 41.0641, 26.2691



29.8831, 41.0641, 44.8473



45.8379, 41.0641, 70.2347



49.8759, 41.0641, 44.5766

Sweetspot

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



32.9334, 41.0659, 26.2700



71.9368, 79.6219, 74.8518



35.0472, 35.6752, 25.1181



15.3322, 17.1083, 15.6968



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.



32.9334, 41.0659, 26.2700



55.3875, 71.8477, 39.8638



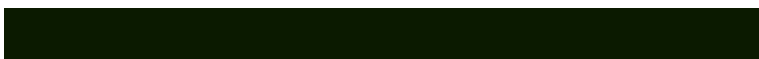
29.3472, 39.1895, 27.3491



8.7207, 9.6611, 9.0577



13.5818, 23.9117, 3.8996



0.4946, 0.7870, 0.1258

Inverse Universe

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



30.0322, 25.7852, 47.1125



49.3226, 39.9255, 83.4014



34.6228, 28.1939, 45.4236



8.4934, 8.4629, 10.6922



9.7592, 4.3668, 30.4655



0.3721, 0.1709, 0.9616

Previews

White Background



This preview shows how the XYZ color 32.9323, 41.0641, 26.2691 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 32.9323, 41.0641, 26.2691 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 32.9323, 41.0641, 26.2691

Background



This preview shows how black text looks on a background with the XYZ color 32.9323, 41.0641, 26.2691.



This preview shows how white text looks on a background with the XYZ color 32.9323, 41.0641,

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

32.9323, 41.0641, 26.2691

Protanopia

37.9052, 40.7462, 24.6059

Deuteranopia

41.4596, 40.6071, 27.1255



Tritanopia

38.2113, 40.8459, 52.8838

Trichromacy



Original Color

32.9323, 41.0641, 26.2691

Protanomaly

35.9813, 40.8858, 25.0641

Deuteranomaly

37.6954, 40.3062, 26.9122

Tritanomaly

36.0272, 40.8352, 41.5805

Monochromacy



Original Color

32.9323, 41.0641, 26.2691

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.7276, 38.8664, 35.3774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9323, 41.0641, 26.2691 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(150, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 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(150, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 127) }
```

Border

The CSS property to change the border of an element to XYZ 32.9323, 41.0641, 26.2691 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(150, 181, 127) }
```


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

```
.border{ border-color:rgb(150, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9323, 41.0641, 26.2691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 127) }
```

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

```
.background{ background-color: rgb(150,  
181, 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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