

Converting Colors

XYZ(26.9274, 32.5878, 13.6173)

Have a look what the booklet for
XYZ(26.9274, 32.5878, 13.6173)
contains.

XYZ(27.0023, 32.6457, 13.6822)	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(27.0023, 32.6457,
13.6822)**

Conversions

Conversions Part 1

Format	Color
Hex	96A156
RGB	150, 161, 86
RGB Percent	59%, 63%, 34%
CMY	0.4118, 0.3686, 0.6627
CMYK	0.07, 0.00, 0.47, 0.37
HSL	69°, 30%, 48%
HSV	69°, 47%, 63%
XYZ	27.0023, 32.6457, 13.6822
YIQ	149.1610, 17.5190, -25.6570

Conversions

Conversions Part 2

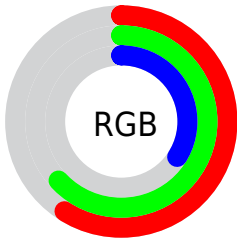
Format	Color
RYB	86, 161, 97
Decimal	9871702
CIELab	63.87, -15.59, 37.54
CIElCh	64, 40.644, 112.551
Yxy	32.6457, 0.3682, 0.4452
Android (android.graphics.Color)	4288061782 (0xFF96A156)
YUV	149.1610, -31.1384, 0.7358
Hunter-Lab	57.1364, -15.6308, 25.7976

Details

The XYZ color **27.0023, 32.6457, 13.6822** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6918, 11.7710, 35.2179**, and the grayscale version is **28.7575, 30.2551, 32.9478**.

A 20% lighter version of the original color is **54.2481, 63.8970, 33.1411**, and **10.8396, 13.8268, 3.8478** is the 20% darker color. If you saturate the color by 10%, you get **25.9953, 32.1943, 10.6221**, and if you desaturate by 10%, it is **28.1658, 33.1630, 17.5137**.

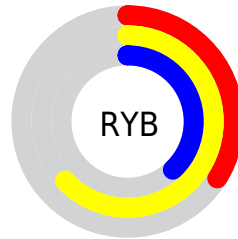
Distribution



Red (59%)

Green (63%)

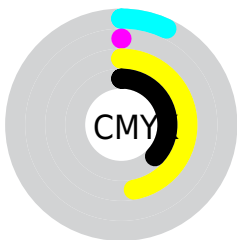
Blue (34%)



Red (34%)

Yellow (63%)

Blue (38%)

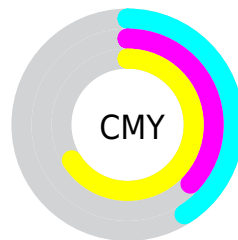


Cyan (7%)

Magenta (0%)

Yellow (47%)

Black (37%)



Cyan (41%)

Magenta (37%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0023, 32.6457, 13.6822 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 27.0023, 32.6457, 13.6822 by changing the saturation by 10% instead.

■ 27.0023, 32.6457,
13.6822

■ 27.0023, 32.6457,
13.6822

279.8356,
314.0502, 226.6040

■ 17.7115, 21.8552,
7.7637

■ 54.3074, 63.8220,
33.2330

■ 10.8415, 13.7505,
3.8586

■ 73.0525, 84.9765,
47.7025

■ 6.0269, 7.9474,
1.5481

■ 95.6797, 110.3545,
65.8594

■ 2.9022, 4.0613,
0.2534

■ 122.5545,
140.3404, 88.1222

■ 1.1023, 1.7079,
0.0000

■ 154.0421,
175.3185, 114.9096

■ 0.0270, 0.4288,
0.0000

190.5079,

■ 0.0000, 0.0000,

215.6732, 146.6399

0.0000

232.3173,
261.7890, 183.7319

■ 27.0023, 32.6457,
13.6822

■ 27.0023, 32.6457,
13.6822

■ 25.9953, 32.1943,
10.6221

■ 28.1658, 33.1630,
17.5137

■ 25.1325, 31.8005,
8.2791

■ 29.4925, 33.7454,
22.1620

■ 24.4033, 31.4611,
6.5949


■ 30.9914, 34.3978,
27.6714


■ 23.7949, 31.1711,
5.5015


■ 32.6705, 35.1232,
34.0825


■ 23.2882, 30.9227,
4.8992


■ 34.5369, 35.9246,
41.4333

 23.1249, 30.8419,
4.7343

 36.5974, 36.8047,
49.7595

 38.8586, 37.7661,
59.0950

 41.3267, 38.8113,
69.4723

 44.0075, 39.9426,
80.9220

Harmonies

Analogous

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



32.4755, 32.6457, 12.5804



27.0023, 32.6457, 13.6822



23.0966, 32.6457, 19.6373

Triad

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



27.0023, 32.6457, 13.6822



24.8148, 32.6457, 66.8429



43.2506, 32.6457, 39.7842

Complementary

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



27.0023, 32.6457, 13.6822



14.6918, 11.7710, 35.2179

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.



40.5963, 32.6457, 58.3227



27.0023, 32.6457, 13.6822



29.6257, 32.6457, 76.7760

Square

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



27.0023, 32.6457, 13.6822



21.9460, 32.6457, 49.0329



35.4368, 32.6457, 73.2543



42.3246, 32.6457, 24.7905

Rectangle

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



27.0023, 32.6457, 13.6822



21.6815, 32.6457, 26.9187



35.4368, 32.6457, 73.2543



42.7374, 32.6457, 45.8430

Sweetspot

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



27.0031, 32.6472, 13.6829



56.1686, 61.8896, 52.0726



20.5617, 16.6156, 10.9280



12.1900, 13.5176, 10.9357



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



27.0031, 32.6472, 13.6829



46.4749, 57.6188, 18.7982



21.3004, 29.7073, 13.4160



7.5468, 8.1844, 7.5621



18.4947, 24.6448, 3.7822



0.4147, 0.5313, 0.0807

Inverse Universe

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



14.6918, 11.7710, 35.2179



21.6779, 15.5263, 62.2409



19.5139, 14.2569, 35.4435



6.7927, 6.9075, 8.8783



5.4541, 2.2182, 27.0705



0.1407, 0.0601, 0.5700

Previews

White Background



This preview shows how the XYZ color 27.0023, 32.6457, 13.6822 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 27.0023, 32.6457, 13.6822 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

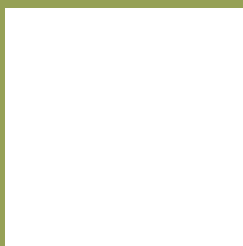
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0023, 32.6457, 13.6822

Background



This preview shows how black text looks on a background with the XYZ color 27.0023, 32.6457, 13.6822.



This preview shows how white text looks on a background with the XYZ color 27.0023, 32.6457,

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

27.0023, 32.6457, 13.6822

Protanopia

29.8991, 32.6288, 13.1096

Deuteranopia

32.9759, 32.2801, 13.9439



Tritanopia

32.2272, 32.5077, 39.6980

Trichromacy



Original Color

27.0023, 32.6457, 13.6822

Protanomaly

28.8009, 32.5563, 13.3604

Deuteranomaly

30.4452, 32.1597, 13.8353

Tritanomaly

29.8756, 32.2882, 27.9502

Monochromacy



Original Color

27.0023, 32.6457, 13.6822

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.5516, 30.6784, 24.2081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0023, 32.6457, 13.6822 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, 161, 86)` looks like.

```
.text, #text, p{  
    color:rgb(150, 161, 86)  
}
```

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, 161, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 161, 86) }
```

Border

The CSS property to change the border of an element to XYZ 27.0023, 32.6457, 13.6822 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, 161, 86) }
```


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

```
.border{ border-color:rgb(150, 161, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 161, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 161, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 161, 86);  
box-shadow:4px 4px 4px 4px rgb(150, 161,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0023, 32.6457, 13.6822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 161, 86) }
```

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

```
.background{ background-color: rgb(150,  
161, 86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor