

Converting Colors

XYZ(27.5816, 32.8734, 18.8292)

Have a look what the booklet for
XYZ(27.5816, 32.8734, 18.8292)
contains.

XYZ(27.6115, 32.8472, 18.7948)	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(27.6115, 32.8472,
18.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	94A16B
RGB	148, 161, 107
RGB Percent	58%, 63%, 42%
CMY	0.4196, 0.3686, 0.5804
CMYK	0.08, 0.00, 0.34, 0.37
HSL	74°, 22%, 53%
HSV	74°, 34%, 63%
XYZ	27.6115, 32.8472, 18.7948
YIQ	150.9570, 9.5860, -19.5500

Conversions

Conversions Part 2

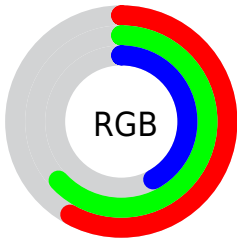
Format	Color
RYB	107, 161, 120
Decimal	9740651
CIELab	64.04, -13.84, 26.64
CIELCh	64, 30.018, 117.456
Yxy	32.8472, 0.3484, 0.4145
Android (android.graphics.Color)	4287930731 (0xFF94A16B)
YUV	150.9570, -21.6708, -2.5933
Hunter-Lab	57.3125, -14.3007, 20.6754

Details

The XYZ color **27.6115, 32.8472, 18.7948** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4377, 17.0826, 35.9929**, and the grayscale version is **29.4847, 31.0202, 33.7810**.

A 20% lighter version of the original color is **55.4425, 64.3114, 42.2921**, and **11.0819, 13.7398, 6.2056** is the 20% darker color. If you saturate the color by 10%, you get **26.1528, 32.1852, 14.7092**, and if you desaturate by 10%, it is **29.2531, 33.5873, 23.7136**.

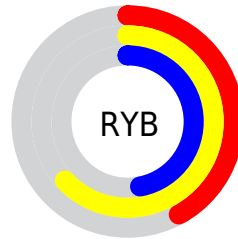
Distribution



Red (58%)

Green (63%)

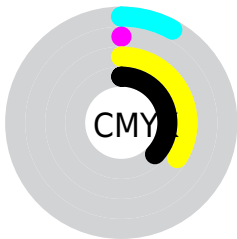
Blue (42%)



Red (42%)

Yellow (63%)

Blue (47%)

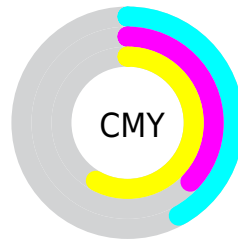


Cyan (8%)

Magenta (0%)

Yellow (34%)

Black (37%)



Cyan (42%)

Magenta (37%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6115, 32.8472, 18.7948 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 27.6115, 32.8472, 18.7948 by changing the saturation by 10% instead.

■ 27.6115, 32.8472,
18.7948

■ 27.6115, 32.8472,
18.7948

282.7197,
314.9606, 257.6985

■ 18.1720, 22.0094,
11.3468

■ 55.2766, 64.1369,
42.2191

■ 11.1740, 13.8638,
6.1835

■ 74.2328, 85.3576,
59.0326

■ 6.2521, 8.0260,
2.8864

■ 97.0920, 110.8081,
79.8048

■ 3.0411, 4.1116,
1.0369

■ 124.2195,
140.8727, 104.9546

■ 1.1755, 1.7362,
0.0000

155.9807,
175.9359, 134.9002

■ 0.0869, 0.4469,
0.0000

192.7409,

■ 0.0000, 0.0000,

216.3820, 170.0604

0.0000

234.8654,
262.5954, 210.8536

■ 27.6115, 32.8472,
18.7948

■ 27.6115, 32.8472,
18.7948

■ 26.1528, 32.1852,
14.7092

■ 29.2531, 33.5873,
23.7136

■ 24.8656, 31.5933,
11.4085

■ 31.0834, 34.4046,
29.5062

■ 23.7407, 31.0691,
8.8427


■ 33.1110, 35.3035,
36.2130


■ 22.7673, 30.6080,
6.9552


■ 35.3433, 36.2871,
43.8713


■ 21.9327, 30.2051,
5.6810


■ 37.7871, 37.3581,
52.5162


 21.2219, 29.8543,
4.9426

 40.4489, 38.5192,
62.1812

 20.8049, 29.6459,
4.6257

 43.3351, 39.7729,
72.8981

 46.4516, 41.1215,
84.6974

 49.8042, 42.5676,
97.6082

Harmonies

Analogous

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



31.5834, 32.8472, 17.1484



27.6115, 32.8472, 18.7948



24.8420, 32.8472, 24.6215

Triad

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



27.6115, 32.8472, 18.7948



27.0383, 32.8472, 59.2682



40.0900, 32.8472, 36.8109

Complementary

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



27.6115, 32.8472, 18.7948



19.4377, 17.0826, 35.9929

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.



38.6064, 32.8472, 49.8469



27.6115, 32.8472, 18.7948



30.8600, 32.8472, 64.5156

Square

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



27.6115, 32.8472, 18.7948



24.5327, 32.8472, 47.6416



35.1305, 32.8472, 60.7306



39.0246, 32.8472, 26.0470

Rectangle

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



27.6115, 32.8472, 18.7948



23.9218, 32.8472, 30.9317



35.1305, 32.8472, 60.7306



39.8700, 32.8472, 41.0773

Sweetspot

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



27.6123, 32.8487, 18.7955



56.8423, 62.1356, 56.6819



24.0214, 21.9765, 16.8862



12.3641, 13.5818, 12.0960



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.



27.6123, 32.8487, 18.7955



47.5324, 57.9561, 28.2379



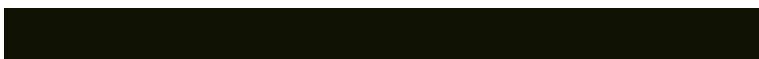
23.3412, 30.6468, 18.5956



7.4820, 8.1510, 7.5590



16.6530, 23.6954, 3.6960



0.3881, 0.5176, 0.0794

Inverse Universe

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



19.4377, 17.0826, 35.9929



30.6961, 25.4668, 63.6843



23.6529, 19.2555, 36.1901



6.8528, 6.9385, 8.8811



5.8310, 2.4125, 27.0881



0.1618, 0.0709, 0.5710

Previews

White Background



This preview shows how the XYZ color 27.6115, 32.8472, 18.7948 looks on a white background.

Color Contrast Check

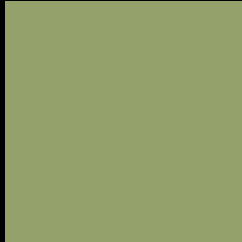
Large Text (above 18pt) WCAG AA × Fail

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 27.6115, 32.8472, 18.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

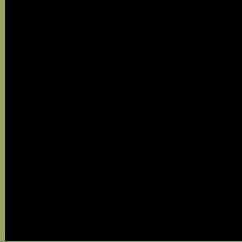
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 27.6115, 32.8472, 18.7948

Background



This preview shows how black text looks on a background with the XYZ color 27.6115, 32.8472, 18.7948.



This preview shows how white text looks on a background with the XYZ color 27.6115, 32.8472,

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

27.6115, 32.8472, 18.7948

Protanopia

30.3685, 32.7670, 17.8208

Deuteranopia

33.1715, 32.4959, 19.2759



Tritanopia

32.1488, 32.9323, 40.7385

Trichromacy



Original Color

27.6115, 32.8472, 18.7948

Protanomaly

29.3047, 32.7109, 18.1339

Deuteranomaly

30.9461, 32.5445, 19.1187

Tritanomaly

30.3047, 32.9306, 31.5471

Monochromacy



Original Color

27.6115, 32.8472, 18.7948

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.6722, 31.6760, 27.5246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6115, 32.8472, 18.7948 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(148, 161, 107)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 107)  
}
```

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(148, 161, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 107) }
```

Border

The CSS property to change the border of an element to XYZ 27.6115, 32.8472, 18.7948 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(148, 161, 107) }
```


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

```
.border{ border-color:rgb(148, 161, 107) }
```

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

Here you see how a box with a 4 pixel rgb(148, 161, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 107);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6115, 32.8472, 18.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 107) }
```

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

```
.background{ background-color: rgb(148,  
161, 107) }
```

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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