

Converting Colors

XYZ(26.6971, 32.4972, 20.5269)

Have a look what the booklet for
XYZ(26.6971, 32.4972, 20.5269)
contains.

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Color

**XYZ(26.7162, 32.6084,
20.5087)**

Conversions

Conversions Part 1

Format	Color
Hex	8CA271
RGB	140, 162, 113
RGB Percent	55%, 64%, 44%
CMY	0.4510, 0.3647, 0.5569
CMYK	0.14, 0.00, 0.30, 0.36
HSL	87°, 21%, 54%
HSV	87°, 30%, 64%
XYZ	26.7162, 32.6084, 20.5087
YIQ	149.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

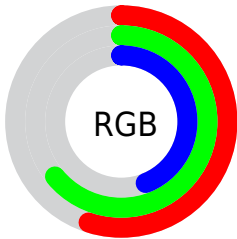
Format	Color
RYB	113, 162, 135
Decimal	9216625
CIELab	63.84, -16.62, 23.01
CIELCh	64, 28.389, 125.836
Yxy	32.6084, 0.3346, 0.4085
Android (android.graphics.Color)	4287406705 (0xFF8CA271)
YUV	149.8360, -18.1601, -8.6262
Hunter-Lab	57.1038, -16.4197, 18.6788

Details

The XYZ color **26.7162, 32.6084, 20.5087** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.4197, 19.5707, 36.7801**, and the grayscale version is **28.9944, 30.5044, 33.2193**.

A 20% lighter version of the original color is **53.8525, 63.8117, 45.0759**, and **10.6212, 13.6459, 6.9246** is the 20% darker color. If you saturate the color by 10%, you get **24.6991, 31.6657, 16.0710**, and if you desaturate by 10%, it is **28.9789, 33.6609, 25.8091**.

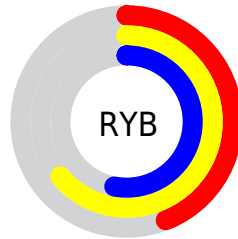
Distribution



Red (55%)

Green (64%)

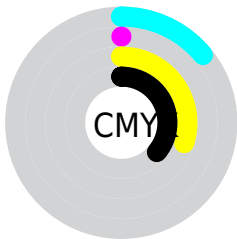
Blue (44%)



Red (44%)

Yellow (64%)

Blue (53%)

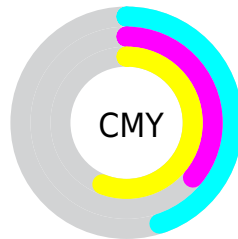


Cyan (14%)

Magenta (0%)

Yellow (30%)

Black (36%)



Cyan (45%)

Magenta (36%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7162, 32.6084, 20.5087 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 26.7162, 32.6084, 20.5087 by changing the saturation by 10% instead.

■ 26.7162, 32.6084,
20.5087

■ 26.7162, 32.6084,
20.5087

278.4730,
313.8815, 267.3506

■ 17.4957, 21.8266,
12.5776

■ 53.8512, 63.7637,
45.1386

■ 10.6860, 13.7296,
7.0111

■ 72.4965, 84.9059,
62.6744

■ 5.9218, 7.9328,
3.3905

■ 95.0140, 110.2705,
84.2489

■ 2.8378, 4.0520,
1.2973

■ 121.7691,
140.2417, 110.2807

■ 1.0686, 1.7027,
0.0596

153.1272,
175.2041, 141.1882

■ 0.0000, 0.4254,
0.0000

189.4537,

■ 0.0000, 0.0000,

215.5419, 177.3900

0.0000

231.1138,
261.6395, 219.3046

■ 26.7162, 32.6084,
20.5087

■ 26.7162, 32.6084,
20.5087

■ 24.6991, 31.6657,
16.0710

■ 28.9789, 33.6609,
25.8091

■ 22.9148, 30.8242,
12.4482

■ 31.4942, 34.8229,
32.0125

■ 21.3532, 30.0808,
9.5912

■ 34.2718, 36.0995,
39.1591

■ 20.0020, 29.4303,
7.4444

■ 37.3204, 37.4944,
47.2860

■ 18.8476, 28.8672,
5.9450

■ 40.6479, 39.0109,
56.4284

■ 17.8742, 28.3849,
5.0191

■ 44.2620, 40.6522,
66.6198

■ 17.0658, 27.9788,
4.5010

■ 48.1702, 42.4214,
77.8920

■ 52.3794, 44.3217,
90.2755

■ 56.2778, 46.1082,
100.5413

Harmonies

Analogous

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



30.2199, 32.6084, 17.8295



26.7162, 32.6084, 20.5087



24.5090, 32.6084, 27.2511

Triad

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



26.7162, 32.6084, 20.5087



27.9585, 32.6084, 59.5535



39.2666, 32.6084, 33.3178

Complementary

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



26.7162, 32.6084, 20.5087



22.4197, 19.5707, 36.7801

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.



38.5310, 32.6084, 45.2769



26.7162, 32.6084, 20.5087



31.7798, 32.6084, 62.1465

Square

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



26.7162, 32.6084, 20.5087



25.1820, 32.6084, 49.9806



35.7041, 32.6084, 56.4555



37.6363, 32.6084, 24.1348

Rectangle

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



26.7162, 32.6084, 20.5087



23.9558, 32.6084, 33.9340



35.7041, 32.6084, 56.4555



39.2895, 32.6084, 37.1238

Sweetspot

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



26.7170, 32.6098, 20.5094



57.6923, 63.4547, 59.4266



26.4395, 25.9896, 19.2462



12.8062, 14.1820, 12.9651



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.7170, 32.6098, 20.5094



46.0926, 58.0728, 31.8702



23.1399, 30.7658, 20.3420



7.3411, 8.0783, 7.5524



13.4943, 22.0671, 3.5481



0.3370, 0.4912, 0.0771

Inverse Universe

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



22.4197, 19.5707, 36.7801



37.0734, 30.7005, 66.0279



26.6732, 21.7634, 36.9792



6.9883, 7.0084, 8.8875



7.3355, 3.1881, 27.1585



0.2083, 0.0949, 0.5732

Previews

White Background



This preview shows how the XYZ color 26.7162, 32.6084, 20.5087 looks on a white background.

Color Contrast Check

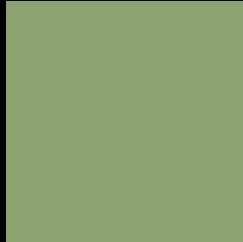
Large Text (above 18pt) WCAG AA × Fail

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 26.7162, 32.6084, 20.5087 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

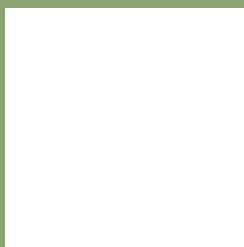
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7162, 32.6084, 20.5087

Background



This preview shows how black text looks on a background with the XYZ color 26.7162, 32.6084, 20.5087.



This preview shows how white text looks on a background with the XYZ color 26.7162, 32.6084,

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

26.7162, 32.6084, 20.5087

Protanopia

30.0960, 32.3440, 19.4086

Deuteranopia

33.0337, 32.3858, 21.0330



Tritanopia

30.9091, 32.5286, 41.2088

Trichromacy



Original Color

26.7162, 32.6084, 20.5087

Protanomaly

28.8308, 32.4297, 19.7789

Deuteranomaly

30.4221, 32.2358, 20.8384

Tritanomaly

29.1704, 32.5800, 32.3549

Monochromacy



Original Color

26.7162, 32.6084, 20.5087

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.9250, 31.0283, 28.1842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7162, 32.6084, 20.5087 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(140, 162, 113)` looks like.

```
.text, #text, p{  
    color:rgb(140, 162, 113)  
}
```

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(140, 162, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 162, 113) }
```

Border

The CSS property to change the border of an element to XYZ 26.7162, 32.6084, 20.5087 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(140, 162, 113) }
```


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

```
.border{ border-color:rgb(140, 162, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 162, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 162, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 162, 113);  
box-shadow:4px 4px 4px 4px rgb(140, 162,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7162, 32.6084, 20.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 162, 113) }
```

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

```
.background{ background-color: rgb(140,  
162, 113) }
```

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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