

Converting Colors

XYZ(26.6406, 32.1064, 13.8078)

Have a look what the booklet for
XYZ(26.6406, 32.1064, 13.8078)
contains.

XYZ(26.6855, 32.2193, 13.8293)	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(26.6855, 32.2193,
13.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	95A057
RGB	149, 160, 87
RGB Percent	58%, 63%, 34%
CMY	0.4157, 0.3725, 0.6588
CMYK	0.07, 0.00, 0.46, 0.37
HSL	69°, 30%, 48%
HSV	69°, 46%, 63%
XYZ	26.6855, 32.2193, 13.8293
YIQ	148.3890, 16.8770, -25.0350

Conversions

Conversions Part 2

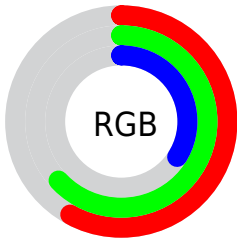
Format	Color
RYB	87, 160, 98
Decimal	9805911
CIELab	63.52, -15.37, 36.58
CIELCh	64, 39.675, 112.795
Yxy	32.2193, 0.3669, 0.4430
Android (android.graphics.Color)	4287995991 (0xFF95A057)
YUV	148.3890, -30.2648, 0.5358
Hunter-Lab	56.7620, -15.4155, 25.2882

Details

The XYZ color **26.6855, 32.2193, 13.8293** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.7916, 11.9520, 34.7870**, and the grayscale version is **28.4292, 29.9097, 32.5717**.

A 20% lighter version of the original color is **53.7897, 63.2732, 33.4227**, and **10.7646, 13.6251, 3.9820** is the 20% darker color. If you saturate the color by 10%, you get **25.6677, 31.7630, 10.7396**, and if you desaturate by 10%, it is **27.8589, 32.7412, 17.6840**.

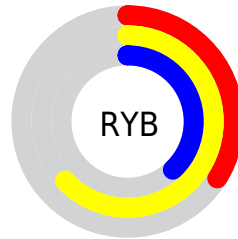
Distribution



Red (58%)

Green (63%)

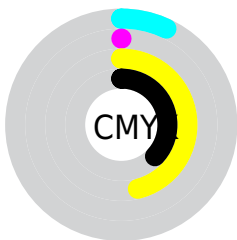
Blue (34%)



Red (34%)

Yellow (63%)

Blue (38%)

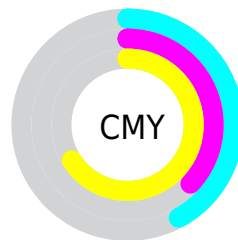


Cyan (7%)

Magenta (0%)

Yellow (46%)

Black (37%)



Cyan (42%)

Magenta (37%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6855, 32.2193, 13.8293 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 26.6855, 32.2193, 13.8293 by changing the saturation by 10% instead.

■ 26.6855, 32.2193,
13.8293

■ 26.6855, 32.2193,
13.8293

278.3265,
312.1170, 227.5577

■ 17.4725, 21.5291,
7.8646

■ 53.8022, 63.1547,
33.4986

■ 10.6693, 13.5113,
3.9219

■ 72.4367, 84.1687,
48.0403

■ 5.9106, 7.7815,
1.5826

■ 94.9424, 109.3927,
66.2781

■ 2.8309, 3.9555,
0.2784

■ 121.6847,
139.2111, 88.6306

■ 1.0650, 1.6487,
0.0000

■ 153.0289,
174.0084, 115.5162

■ 0.0000, 0.3901,
0.0000

189.3403,

■ 0.0000, 0.0000,

214.1689, 147.3536

0.0000

230.9844,
260.0769, 184.5612

■ 26.6855, 32.2193,
13.8293

■ 26.6855, 32.2193,
13.8293

■ 25.6677, 31.7630,
10.7396

■ 27.8589, 32.7412,
17.6840

■ 24.7935, 31.3641,
8.3617

■ 29.1943, 33.3278,
22.3479

■ 24.0526, 31.0195,
6.6392

■ 30.7009, 33.9839,
27.8643

■ 23.4325, 30.7242,
5.5060

■ 32.3860, 34.7125,
34.2730

■ 22.9166, 30.4717,
4.8748

■ 34.2569, 35.5165,
41.6111

■ 22.7062, 30.3677,
4.6648

■ 36.3202, 36.3985,
49.9136

■ 38.5823, 37.3612,
59.2138

■ 41.0494, 38.4069,
69.5434

■ 43.7270, 39.5380,
80.9326

Harmonies

Analogous

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



31.9765, 32.2193, 12.7113



26.6855, 32.2193, 13.8293



22.9107, 32.2193, 19.7008

Triad

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



26.6855, 32.2193, 13.8293



24.6331, 32.2193, 65.3578



42.4312, 32.2193, 39.0410

Complementary

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



26.6855, 32.2193, 13.8293



14.7916, 11.9520, 34.7870

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.



39.8979, 32.2193, 56.9059



26.6855, 32.2193, 13.8293



29.3091, 32.2193, 74.7993

Square

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



26.6855, 32.2193, 13.8293



21.8291, 32.2193, 48.2530



34.9310, 32.2193, 71.3128



41.5100, 32.2193, 24.5555

Rectangle

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



26.6855, 32.2193, 13.8293



21.5472, 32.2193, 26.8224



34.9310, 32.2193, 71.3128



41.9460, 32.2193, 44.8823

Sweetspot

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



26.6863, 32.2208, 13.8300



56.1361, 61.8729, 52.0711



20.5817, 16.8886, 11.1923



12.1819, 13.5134, 10.9353



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.



26.6863, 32.2208, 13.8300



46.5281, 57.6355, 19.2845



21.0446, 29.3123, 13.5660



7.0719, 7.6697, 7.0933



17.7161, 23.6697, 3.6350



0.3410, 0.4357, 0.0661

Inverse Universe

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



14.7916, 11.9520, 34.7870



22.1421, 16.0383, 62.3152



19.6578, 14.4606, 35.0147



6.3732, 6.4809, 8.3217



5.2633, 2.1424, 26.0433



0.1172, 0.0502, 0.4667

Previews

White Background



This preview shows how the XYZ color 26.6855, 32.2193, 13.8293 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 26.6855, 32.2193, 13.8293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

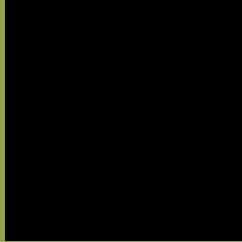
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.6855, 32.2193, 13.8293

Background



This preview shows how black text looks on a background with the XYZ color 26.6855, 32.2193, 13.8293.



This preview shows how white text looks on a background with the XYZ color 26.6855, 32.2193,

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

26.6855, 32.2193, 13.8293

Protanopia

29.5575, 32.2021, 13.2521

Deuteranopia

32.7727, 32.1704, 14.1551



Tritanopia

31.7780, 32.0467, 39.1611

Trichromacy



Original Color

26.6855, 32.2193, 13.8293

Protanomaly

28.4685, 32.1302, 13.5054

Deuteranomaly

30.2650, 32.0620, 14.0446

Tritanomaly

29.4463, 31.8290, 27.5133

Monochromacy



Original Color

26.6855, 32.2193, 13.8293

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

27.2069, 30.2587, 24.1452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6855, 32.2193, 13.8293 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, 160, 87)` looks like.

```
.text, #text, p{  
    color:rgb(149, 160, 87)  
}
```

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, 160, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 160, 87) }
```

Border

The CSS property to change the border of an element to XYZ 26.6855, 32.2193, 13.8293 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, 160, 87) }
```


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

```
.border{ border-color:rgb(149, 160, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 160, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 160, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 160, 87);  
box-shadow:4px 4px 4px 4px rgb(149, 160,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6855, 32.2193, 13.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 160, 87) }
```

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

```
.background{ background-color: rgb(149,  
160, 87) }
```

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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