

Converting Colors

XYZ(26.2020, 32.4393, 19.5327)

Have a look what the booklet for
XYZ(26.2020, 32.4393, 19.5327)
contains.

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Color

**XYZ(26.2160, 32.3697,
19.6181)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA26E
RGB	138, 162, 110
RGB Percent	54%, 64%, 43%
CMY	0.4588, 0.3647, 0.5686
CMYK	0.15, 0.00, 0.32, 0.36
HSL	88°, 22%, 53%
HSV	88°, 32%, 64%
XYZ	26.2160, 32.3697, 19.6181
YIQ	148.8960, 2.3880, -21.2600

Conversions

Conversions Part 2

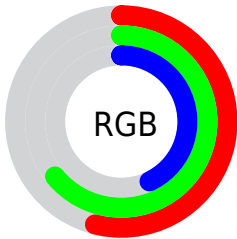
Format	Color
RYB	110, 162, 134
Decimal	9085550
CIELab	63.65, -17.84, 24.36
CIELCh	64, 30.193, 126.209
Yxy	32.3697, 0.3352, 0.4139
Android (android.graphics.Color)	4287275630 (0xFF8AA26E)
YUV	148.8960, -19.1757, -9.5558
Hunter-Lab	56.8944, -17.3153, 19.3819

Details

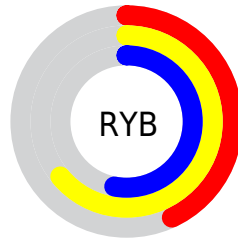
The XYZ color **26.2160, 32.3697, 19.6181** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.9304, 18.8298, 36.6628**, and the grayscale version is **28.6014, 30.0909, 32.7690**.

A 20% lighter version of the original color is **53.0727, 63.4408, 43.6305**, and **10.3759, 13.5259, 6.6213** is the 20% darker color. If you saturate the color by 10%, you get **24.2187, 31.4338, 15.3339**, and if you desaturate by 10%, it is **28.4614, 33.4168, 24.7571**.

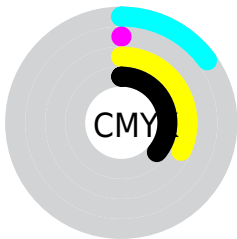
Distribution



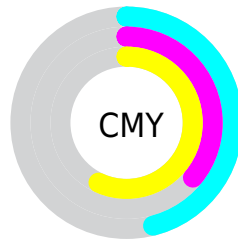
- Red (54%)
- Green (64%)
- Blue (43%)



- Red (43%)
- Yellow (64%)
- Blue (53%)



- Cyan (15%)
- Magenta (0%)
- Yellow (32%)
- Black (36%)



- Cyan (46%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2160, 32.3697, 19.6181 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 26.2160, 32.3697, 19.6181 by changing the saturation by 10% instead.

■ 26.2160, 32.3697,
19.6181

■ 26.2160, 32.3697,
19.6181

276.0781,
312.7999, 262.3756

■ 17.1188, 21.6440,
11.9364

■ 53.0520, 63.3902,
43.6265

■ 10.4151, 13.5956,
6.5784

■ 71.5216, 84.4539,
60.7903

■ 5.7394, 7.8399,
3.1254

■ 93.8460, 109.7323,
81.9519

■ 2.7264, 3.9927,
1.1590

■ 120.3906,
139.6099, 107.5298

■ 1.0108, 1.6695,
0.0000

151.5208,
174.4710, 137.9426

■ 0.0000, 0.4038,
0.0000

187.6018,

■ 0.0000, 0.0000,

214.7002, 173.6088

0.0000

228.9991,
260.6817, 214.9469

■ 26.2160, 32.3697,
19.6181

■ 26.2160, 32.3697,
19.6181

■ 24.2187, 31.4338,
15.3339

■ 28.4614, 33.4168,
24.7571

■ 22.4566, 30.6006,
11.8558

■ 30.9623, 34.5751,
30.7917

■ 20.9191, 29.8666,
9.1339


■ 33.7287, 35.8498,
37.7625


■ 19.5936, 29.2267,
7.1115


■ 36.7692, 37.2446,
45.7071


■ 18.4661, 28.6750,
5.7239


■ 40.0922, 38.7629,
54.6612


 17.5200, 28.2046,
4.8947

 43.7054, 40.4080,
64.6583

 16.8725, 27.8791,
4.4919

 47.6165, 42.1833,
75.7307

 51.8327, 44.0916,
87.9092

 56.2311, 46.0840,
100.5392

Harmonies

Analogous

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



29.8968, 32.3697, 16.8172



26.2160, 32.3697, 19.6181



23.9205, 32.3697, 26.6740

Triad

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



26.2160, 32.3697, 19.6181



27.6066, 32.3697, 61.0841



39.5624, 32.3697, 32.7901

Complementary

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



26.2160, 32.3697, 19.6181



21.9304, 18.8298, 36.6628

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.



38.8079, 32.3697, 45.4798



26.2160, 32.3697, 19.6181



31.6527, 32.3697, 63.7763

Square

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



26.2160, 32.3697, 19.6181



24.6705, 32.3697, 50.8393



35.8151, 32.3697, 57.5276



37.7919, 32.3697, 23.2184

Rectangle

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



26.2160, 32.3697, 19.6181



23.3567, 32.3697, 33.7302



35.8151, 32.3697, 57.5276



39.5977, 32.3697, 36.8047

Sweetspot

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



26.2168, 32.3711, 19.6188



57.1282, 63.1910, 58.1797



26.1584, 25.6931, 18.3329



12.6853, 14.1253, 12.7060



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.



26.2168, 32.3711, 19.6188



44.7808, 57.4469, 29.5342



22.4945, 30.4522, 19.4446



7.3327, 8.0740, 7.5521



13.3420, 21.9886, 3.5410



0.3342, 0.4898, 0.0769

Inverse Universe

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



21.9304, 18.8298, 36.6628



35.6841, 28.7025, 65.7155



26.4763, 21.1733, 36.8756



6.9966, 7.0126, 8.8879



7.4589, 3.2517, 27.1643



0.2111, 0.0964, 0.5733

Previews

White Background



This preview shows how the XYZ color 26.2160, 32.3697, 19.6181 looks on a white background.

Color Contrast Check

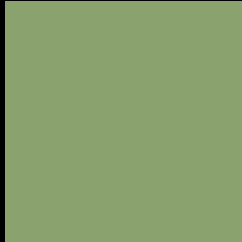
Large Text (above 18pt) WCAG AA × Fail

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 26.2160, 32.3697, 19.6181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

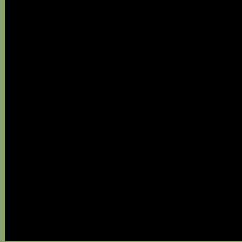
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.2160, 32.3697, 19.6181

Background



This preview shows how black text looks on a background with the XYZ color 26.2160, 32.3697, 19.6181.



This preview shows how white text looks on a background with the XYZ color 26.2160, 32.3697,

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

26.2160, 32.3697, 19.6181

Protanopia

29.9353, 32.2797, 18.5628

Deuteranopia

32.7058, 32.0048, 20.0765



Tritanopia

30.5505, 32.3437, 41.1920

Trichromacy



Original Color

26.2160, 32.3697, 19.6181

Protanomaly

28.4740, 32.2646, 18.9143

Deuteranomaly

29.8788, 31.7333, 19.8796

Tritanomaly

28.7429, 32.3687, 31.9270

Monochromacy



Original Color

26.2160, 32.3697, 19.6181

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

27.6058, 30.8802, 27.4272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2160, 32.3697, 19.6181 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(138, 162, 110)` looks like.

```
.text, #text, p{  
    color:rgb(138, 162, 110)  
}
```

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(138, 162, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 162, 110) }
```

Border

The CSS property to change the border of an element to XYZ 26.2160, 32.3697, 19.6181 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(138, 162, 110) }
```


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

```
.border{ border-color:rgb(138, 162, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 162, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 162, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 162, 110);  
box-shadow:4px 4px 4px 4px rgb(138, 162,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2160, 32.3697, 19.6181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 162, 110) }
```

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

```
.background{ background-color: rgb(138,  
162, 110) }
```

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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