

Converting Colors

XYZ(20.0241, 26.6293, 16.4941)

Have a look what the booklet for
XYZ(20.0241, 26.6293, 16.4941)
contains.

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Color

**XYZ(20.0076, 26.7111,
16.4132)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9865
RGB	110, 152, 101
RGB Percent	43%, 60%, 40%
CMY	0.5686, 0.4039, 0.6039
CMYK	0.28, 0.00, 0.34, 0.40
HSL	109°, 20%, 50%
HSV	109°, 34%, 60%
XYZ	20.0076, 26.7111, 16.4132
YIQ	133.6280, -8.6610, -24.7650

Conversions

Conversions Part 2

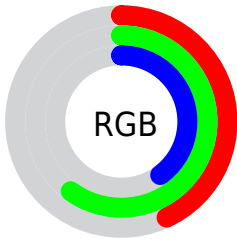
Format	Color
R_{YB}	101, 152, 143
Decimal	7247973
CIE _{Lab}	58.71, -24.58, 22.36
CIE _{LCh}	59, 33.227, 137.699
Yxy	26.7111, 0.3169, 0.4231
Android (android.graphics.Color)	4285438053 (0xFF6E9865)
YUV	133.6280, -16.0856, -20.7218
Hunter-Lab	51.6828, -21.3434, 17.3489

Details

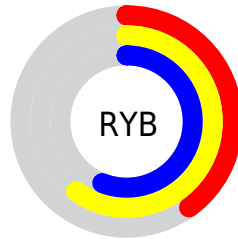
The XYZ color **20.0076, 26.7111, 16.4132** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.6502, 17.4149, 31.9276**, and the grayscale version is **22.5835, 23.7596, 25.8742**.

A 20% lighter version of the original color is **43.0846, 54.6792, 37.9891**, and **7.1598, 10.5251, 5.0223** is the 20% darker color. If you saturate the color by 10%, you get **17.8818, 25.6942, 12.7792**, and if you desaturate by 10%, it is **22.4926, 27.8988, 20.7842**.

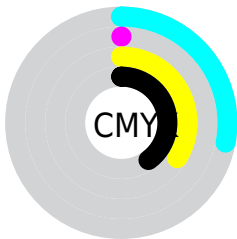
Distribution



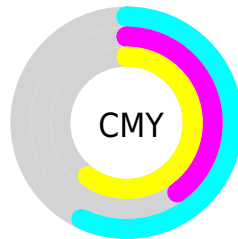
- Red (43%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (56%)



- Cyan (28%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)





- Cyan (57%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.0076, 26.7111, 16.4132 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 20.0076, 26.7111, 16.4132 by changing the saturation by 10% instead.


 20.0076, 26.7111,
16.4132


 20.0076, 26.7111,
16.4132


244.7890,
286.2556, 243.6961


 12.5089, 17.3564,
9.6595


 42.9338, 54.4199,
38.0908

 7.1659, 10.4889,
5.0711


 59.0919, 73.5428,
53.8518

 3.6133, 5.7243,
2.2296

 78.8672, 96.6905,
73.4522

 1.4858, 2.6782,
0.6914

 102.6251,
124.2475, 97.3108

 0.3161, 0.9661,
0.0000

130.7309,
156.5981, 125.8459

 0.0000, 0.0000,
0.0000

163.5499,

194.1267, 159.4761

201.4475,
237.2177, 198.6200

■ 20.0076, 26.7111,
16.4132

■ 20.0076, 26.7111,
16.4132

■ 17.8818, 25.6942,
12.7792

■ 22.4926, 27.8988,
20.7842

■ 16.0963, 24.8370,
9.8400

■ 25.3505, 29.2612,
25.9279

■ 14.6338, 24.1322,
7.5517


■ 28.5967, 30.8063,
31.8796


■ 13.4743, 23.5705,
5.8648


■ 32.2449, 32.5405,
38.6722


■ 12.5955, 23.1419,
4.7227


■ 36.3086, 34.4699,
46.3365


 11.9719, 22.8345,
4.0579

 40.8002, 36.6005,
54.9019

 11.6760, 22.6882,
3.7639

 45.7320, 38.9379,
64.3963

 51.1153, 41.4874,
74.8466

 56.9615, 44.2543,
86.2784

Harmonies

Analogous

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



23.0729, 26.7111, 12.4791



20.0076, 26.7111, 16.4132



18.4575, 26.7111, 24.5474

Triad

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



20.0076, 26.7111, 16.4132



23.7503, 26.7111, 57.0839



33.6354, 26.7111, 22.7635

Complementary

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



20.0076, 26.7111, 16.4132



21.6502, 17.4149, 31.9276

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.



33.8671, 26.7111, 34.1474



20.0076, 26.7111, 16.4132



27.8532, 26.7111, 56.2280

Square

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



20.0076, 26.7111, 16.4132



20.4575, 26.7111, 49.1098



31.6559, 26.7111, 47.0146



31.0534, 26.7111, 15.4106

Rectangle

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



20.0076, 26.7111, 16.4132



18.3690, 26.7111, 32.2048



31.6559, 26.7111, 47.0146



34.0000, 26.7111, 26.1714

Sweetspot

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



20.0083, 26.7122, 16.4138



46.5906, 52.5257, 49.1291



25.0691, 27.1563, 16.2328



10.4258, 11.8605, 10.8676



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



20.0083, 26.7122, 16.4138



32.5415, 45.8202, 24.2095



19.8157, 26.5124, 20.9496



6.2288, 6.9754, 6.6239



9.8093, 19.0328, 3.1567



0.1689, 0.2960, 0.0482

Inverse Universe

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



21.6502, 17.4149, 31.9276



35.8678, 26.9188, 55.7391



22.0369, 17.7568, 25.5037



6.3543, 6.2685, 7.8040



11.8889, 5.5800, 25.3581



0.2025, 0.0962, 0.3803

Previews

White Background



This preview shows how the XYZ color 20.0076, 26.7111, 16.4132 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0076, 26.7111, 16.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

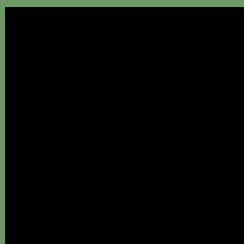
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0076, 26.7111, 16.4132

Background



This preview shows how black text looks on a background with the XYZ color 20.0076, 26.7111, 16.4132.



This preview shows how white text looks on a background with the XYZ color 20.0076, 26.7111,

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

20.0076, 26.7111, 16.4132

Protanopia

24.5851, 26.5697, 14.8990

Deuteranopia

26.9397, 26.4549, 17.0510



Tritanopia

23.8190, 26.6071, 35.7786

Trichromacy



Original Color

20.0076, 26.7111, 16.4132

Protanomaly

22.6465, 26.4510, 15.4672

Deuteranomaly

23.8776, 26.1602, 16.8876

Tritanomaly

22.3077, 26.6990, 27.6446

Monochromacy



Original Color

20.0076, 26.7111, 16.4132

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.4952, 24.8149, 22.0692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0076, 26.7111, 16.4132 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(110, 152, 101)` looks like.

```
.text, #text, p{  
    color:rgb(110, 152, 101)  
}
```

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(110, 152, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 152, 101) }
```

Border

The CSS property to change the border of an element to XYZ 20.0076, 26.7111, 16.4132 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(110, 152, 101) }
```


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

```
.border{ border-color:rgb(110, 152, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 152, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 152, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 152, 101);  
box-shadow:4px 4px 4px 4px rgb(110, 152,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0076, 26.7111, 16.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 152, 101) }
```

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

```
.background{ background-color: rgb(110,  
152, 101) }
```

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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