

Converting Colors

XYZ(20.1351, 26.0516, 16.7992)

Have a look what the booklet for
XYZ(20.1351, 26.0516, 16.7992)
contains.

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Color

**XYZ(20.1351, 26.0516,
16.7992)**

Conversions

Conversions Part 1

Format	Color
Hex	729567
RGB	114, 149, 103
RGB Percent	45%, 58%, 40%
CMY	0.5529, 0.4157, 0.5961
CMYK	0.23, 0.00, 0.31, 0.42
HSL	106°, 18%, 49%
HSV	106°, 31%, 58%
XYZ	20.1351, 26.0516, 16.7992
YIQ	133.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

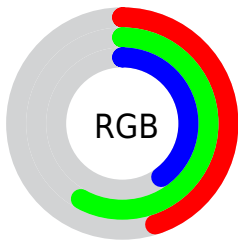
Format	Color
R_{YB}	103, 149, 138
Decimal	7509351
CIE _{Lab}	58.09, -21.27, 20.47
CIE _{LCh}	58, 29.519, 136.108
Y _{xy}	26.0516, 0.3197, 0.4136
Android (android.graphics.Color)	4285699431 (0xFF729567)
YUV	133.2910, -14.9335, -16.9182
Hunter-Lab	51.0408, -18.9048, 16.2142

Details

The XYZ color **20.1351, 26.0516, 16.7992** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7574, 17.2744, 30.6754**, and the grayscale version is **22.4554, 23.6248, 25.7274**.

A 20% lighter version of the original color is **43.1250, 53.2605, 38.5792**, and **7.2372, 10.1350, 5.1892** is the 20% darker color. If you saturate the color by 10%, you get **18.0686, 25.0659, 13.1404**, and if you desaturate by 10%, it is **22.5191, 27.1871, 21.1697**.

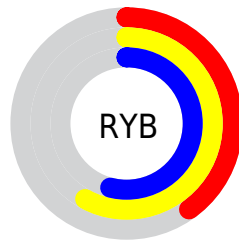
Distribution



Red (45%)

Green (58%)

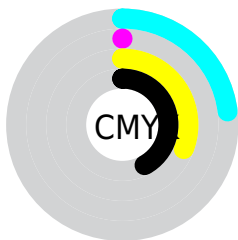
Blue (40%)



Red (40%)

Yellow (58%)

Blue (54%)

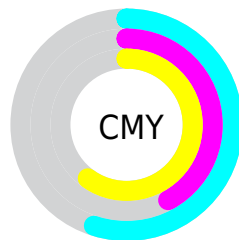


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1351, 26.0516, 16.7992 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 20.1351, 26.0516, 16.7992 by changing the saturation by 10% instead.

■ 20.1351, 26.0516,
16.7992

■ 20.1351, 26.0516,
16.7992

245.4652,
283.0353, 246.0172

■ 12.6021, 16.8622,
9.9310

■ 43.1458, 53.3582,
38.7661

■ 7.2302, 10.1363,
5.2482

■ 59.3542, 72.2442,
54.7019

■ 3.6541, 5.4894,
2.3323

■ 79.1852, 95.1312,
74.4973

■ 1.5084, 2.5372,
0.7493

■ 103.0040,
122.4036, 98.5708

■ 0.3315, 0.8952,
0.0000

131.1760,
154.4459, 127.3410

■ 0.0000, 0.0000,
0.0000

164.0667,

191.6423, 161.2265

202.0413,
234.3773, 200.6457

■ 20.1351, 26.0516,
16.7992

■ 20.1351, 26.0516,
16.7992

■ 18.0686, 25.0659,
13.1404

■ 22.5191, 27.1871,
21.1697

■ 16.3038, 24.2204,
10.1540

■ 25.2314, 28.4750,
26.2851

■ 14.8266, 23.5095,
7.7995

■ 28.2849, 29.9218,
32.1784

■ 13.6209, 22.9258,
6.0314

■ 31.6911, 31.5330,
38.8802

■ 12.6689, 22.4613,
4.7980

■ 35.4609, 33.3134,
46.4196

■ 11.9502, 22.1069,
4.0386

■ 39.6048, 35.2679,
54.8239

■ 11.4626, 21.8644,
3.6161

■ 44.1328, 37.4012,
64.1195

■ 49.0547, 39.7175,
74.3316

■ 54.3797, 42.2214,
85.4843

Harmonies

Analogous

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



22.9046, 26.0516, 13.3564



20.1351, 26.0516, 16.7992



18.6756, 26.0516, 23.9012

Triad

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



20.1351, 26.0516, 16.7992



23.1489, 26.0516, 52.0594



31.9617, 26.0516, 23.2519

Complementary

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



20.1351, 26.0516, 16.7992



20.7574, 17.2744, 30.6754

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.



32.0432, 26.0516, 33.3543



20.1351, 26.0516, 16.7992



26.7157, 26.0516, 51.7650

Square

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



20.1351, 26.0516, 16.7992



20.2991, 26.0516, 45.0291



30.0467, 26.0516, 44.3014



29.8336, 26.0516, 16.4229

Rectangle

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



20.1351, 26.0516, 16.7992



18.5418, 26.0516, 30.5101



30.0467, 26.0516, 44.3014



32.2358, 26.0516, 26.3244

Sweetspot

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



20.1358, 26.0527, 16.7998



46.0649, 51.4102, 48.7555



23.8606, 25.4038, 16.4782



10.0546, 11.3202, 10.5102



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.1358, 26.0527, 16.7998



33.4535, 45.4117, 25.4451



19.4076, 25.6060, 19.9894



5.8518, 6.5314, 6.1927



9.6703, 18.4131, 3.0444



0.1412, 0.2372, 0.0383

Inverse Universe

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



20.7574, 17.2744, 30.6754



34.7391, 27.1348, 54.3278



21.7970, 17.9113, 26.1649



5.9012, 5.8401, 7.2860



10.3651, 4.8160, 24.3143



0.1530, 0.0724, 0.2988

Previews

White Background



This preview shows how the XYZ color 20.1351, 26.0516, 16.7992 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 20.1351, 26.0516, 16.7992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

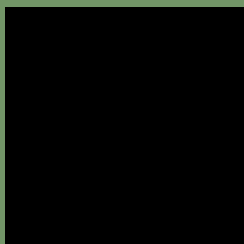
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1351, 26.0516, 16.7992

Background



This preview shows how black text looks on a background with the XYZ color 20.1351, 26.0516, 16.7992.



This preview shows how white text looks on a background with the XYZ color 20.1351, 26.0516,

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

20.1351, 26.0516, 16.7992

Protanopia

24.0624, 25.8501, 15.5257

Deuteranopia

26.4365, 25.9833, 17.2576



Tritanopia

23.6812, 26.1156, 34.3645

Trichromacy



Original Color

20.1351, 26.0516, 16.7992

Protanomaly

22.4392, 25.8834, 15.8699

Deuteranomaly

23.6365, 25.5962, 17.0594

Tritanomaly

22.1063, 25.9220, 26.7600

Monochromacy



Original Color

20.1351, 26.0516, 16.7992

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.3497, 24.3060, 21.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1351, 26.0516, 16.7992 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(114, 149, 103)` looks like.

```
.text, #text, p{  
    color:rgb(114, 149, 103)  
}
```

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(114, 149, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 149, 103) }
```

Border

The CSS property to change the border of an element to XYZ 20.1351, 26.0516, 16.7992 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(114, 149, 103) }
```


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

```
.border{ border-color:rgb(114, 149, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 149, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 149, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 149, 103);  
box-shadow:4px 4px 4px 4px rgb(114, 149,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1351, 26.0516, 16.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 149, 103) }
```

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

```
.background{ background-color: rgb(114,  
149, 103) }
```

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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