

Converting Colors

XYZ(20.1376, 26.1925, 20.5825)

Have a look what the booklet for
XYZ(20.1376, 26.1925, 20.5825)
contains.

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Color

**XYZ(20.1221, 26.1994,
20.5194)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9674
RGB	107, 150, 116
RGB Percent	42%, 59%, 45%
CMY	0.5804, 0.4118, 0.5451
CMYK	0.29, 0.00, 0.23, 0.41
HSL	133°, 17%, 50%
HSV	133°, 29%, 59%
XYZ	20.1221, 26.1994, 20.5194
YIQ	133.2670, -14.7140, -19.6900

Conversions

Conversions Part 2

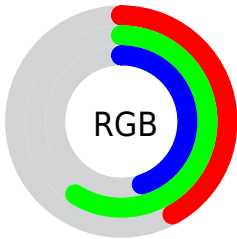
Format	Color
RYB	107, 143, 150
Decimal	7050868
CIELab	58.23, -21.94, 13.31
CIELCh	58, 25.662, 148.756
Yxy	26.1994, 0.3010, 0.3920
Android (android.graphics.Color)	4285240948 (0xFF6B9674)
YUV	133.2670, -8.5126, -23.0362
Hunter-Lab	51.1853, -19.4020, 12.0613

Details

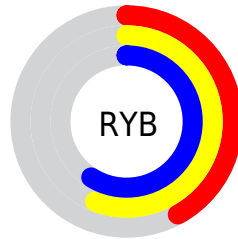
The XYZ color **20.1221, 26.1994, 20.5194** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.6439, 18.9231, 27.6594**, and the grayscale version is **22.4261, 23.5940, 25.6938**.

A 20% lighter version of the original color is **42.9588, 53.3838, 45.0857**, and **7.2502, 10.2406, 7.0633** is the 20% darker color. If you saturate the color by 10%, you get **17.8264, 25.0913, 17.0377**, and if you desaturate by 10%, it is **22.8202, 27.5062, 24.4809**.

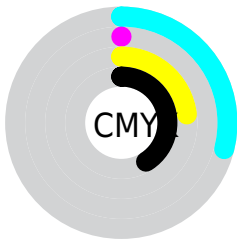
Distribution



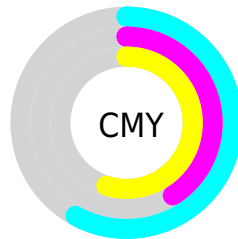
- Red (42%)
- Green (59%)
- Blue (45%)



- Red (42%)
- Yellow (56%)
- Blue (59%)



- Cyan (29%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)



- Cyan (58%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1221, 26.1994, 20.5194 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 20.1221, 26.1994, 20.5194 by changing the saturation by 10% instead.

■ 20.1221, 26.1994,
20.5194

■ 20.1221, 26.1994,
20.5194

245.3963,
283.7595, 267.4099

■ 12.5926, 16.9729,
12.5853

■ 43.1242, 53.5965,
45.1567

■ 7.2237, 10.2152,
7.0163

■ 59.3275, 72.5358,
62.6969

■ 3.6499, 5.5418,
3.3937

■ 79.1528, 95.4815,
84.2764

■ 1.5061, 2.5686,
1.2990

■ 102.9654,
122.8179, 110.3135

■ 0.3300, 0.9109,
0.0610

131.1307,
154.9296, 141.2269

■ 0.0000, 0.0000,
0.0000

164.0141,

192.2008, 177.4351

201.9808,
235.0160, 219.3565

■ 20.1221, 26.1994,
20.5194

■ 20.1221, 26.1994,
20.5194

■ 17.8264, 25.0913,
17.0377

■ 22.8202, 27.5062,
24.4809

■ 15.9114, 24.1691,
14.0159

■ 25.9368, 29.0174,
28.9378

■ 14.3569, 23.4232,
11.4353

■ 29.4895, 30.7426,
33.9069

■ 13.1396, 22.8422,
9.2750

■ 33.4944, 32.6897,
39.4038

■ 12.2335, 22.4131,
7.5128

■ 37.9667, 34.8662,
45.4434

■ 11.6085, 22.1210,
6.1241

■ 42.9209, 37.2793,
52.0402

■ 11.2060, 21.9362,
5.0806

■ 48.3710, 39.9359,
59.2079

■ 11.1594, 21.9147,
4.9656

■ 54.3302, 42.8426,
66.9599

■ 60.8113, 46.0057,
75.3089

Harmonies

Analogous

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



22.1289, 26.1994, 15.9721



20.1221, 26.1994, 20.5194



19.3787, 26.1994, 28.1557

Triad

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



20.1221, 26.1994, 20.5194



24.7719, 26.1994, 49.3525



30.5328, 26.1994, 21.0419

Complementary

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



20.1221, 26.1994, 20.5194



22.6439, 18.9231, 27.6594

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.



31.3855, 26.1994, 28.9010



20.1221, 26.1994, 20.5194



27.8970, 26.1994, 46.3706

Square

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



20.1221, 26.1994, 20.5194



21.9213, 26.1994, 45.8574



30.3840, 26.1994, 38.3855



28.1408, 26.1994, 16.2266

Rectangle

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



20.1221, 26.1994, 20.5194



19.6480, 26.1994, 34.4078



30.3840, 26.1994, 38.3855



31.0174, 26.1994, 23.3571

Sweetspot

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



20.1228, 26.2005, 20.5200



45.4720, 51.0621, 50.6440



24.6138, 28.5733, 18.1281



9.9065, 11.2332, 10.9814



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.



20.1228, 26.2005, 20.5200



32.9955, 45.0206, 32.4237



21.4931, 26.7486, 27.7356



5.7763, 6.4871, 6.4330



9.2651, 18.1788, 4.1713



0.1224, 0.2261, 0.0985

Inverse Universe

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



22.6439, 18.9231, 27.6594



38.1431, 30.1529, 46.9945



21.2202, 18.3536, 20.1622



5.9839, 5.8886, 7.0211



13.1855, 6.4793, 14.9897



0.1719, 0.0835, 0.2387

Previews

White Background



This preview shows how the XYZ color 20.1221, 26.1994, 20.5194 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 20.1221, 26.1994, 20.5194 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 20.1221, 26.1994, 20.5194

Background



This preview shows how black text looks on a background with the XYZ color 20.1221, 26.1994, 20.5194.



This preview shows how white text looks on a background with the XYZ color 20.1221, 26.1994,

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

20.1221, 26.1994, 20.5194

Protanopia

24.3146, 25.9088, 18.7583

Deuteranopia

26.3521, 25.8557, 21.0545



Tritanopia

23.1964, 26.2959, 35.3055

Trichromacy



Original Color

20.1221, 26.1994, 20.5194

Protanomaly

22.4760, 25.8237, 19.4227

Deuteranomaly

23.6326, 25.7269, 20.8598

Tritanomaly

21.9235, 26.2353, 29.1077

Monochromacy



Original Color

20.1221, 26.1994, 20.5194

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.3756, 24.2826, 23.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1221, 26.1994, 20.5194 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(107, 150, 116)` looks like.

```
.text, #text, p{  
    color:rgb(107, 150, 116)  
}
```

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(107, 150, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 150, 116) }
```

Border

The CSS property to change the border of an element to XYZ 20.1221, 26.1994, 20.5194 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(107, 150, 116) }
```


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

```
.border{ border-color:rgb(107, 150, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 150, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 150, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 150, 116);  
box-shadow:4px 4px 4px 4px rgb(107, 150,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1221, 26.1994, 20.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 150, 116) }
```

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

```
.background{ background-color: rgb(107,  
150, 116) }
```

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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