

Converting Colors

XYZ(21.1906, 26.7423, 20.6571)

Have a look what the booklet for
XYZ(21.1906, 26.7423, 20.6571)
contains.

XYZ(21.1290, 26.7185, 20.5666)	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(21.1290, 26.7185,
20.5666)**

Conversions

Conversions Part 1

Format	Color
Hex	739674
RGB	115, 150, 116
RGB Percent	45%, 59%, 45%
CMY	0.5490, 0.4118, 0.5451
CMYK	0.23, 0.00, 0.23, 0.41
HSL	122°, 14%, 52%
HSV	122°, 23%, 59%
XYZ	21.1290, 26.7185, 20.5666
YIQ	135.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

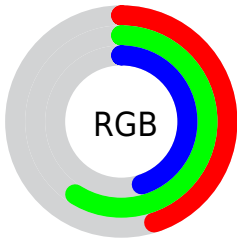
Format	Color
RYB	115, 149, 150
Decimal	7575156
CIELab	58.71, -19.15, 14.06
CIELCh	59, 23.758, 143.708
Yxy	26.7185, 0.3088, 0.3905
Android (android.graphics.Color)	4285765236 (0xFF739674)
YUV	135.6590, -9.6919, -18.1179
Hunter-Lab	51.6899, -17.4930, 12.5924

Details

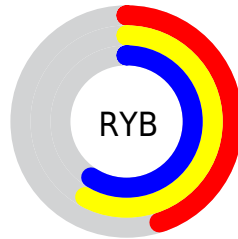
The XYZ color **21.1290, 26.7185, 20.5666** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.1342, 20.9161, 31.2002**, and the grayscale version is **23.3126, 24.5267, 26.7095**.

A 20% lighter version of the original color is **44.8092, 54.3377, 45.1723**, and **7.7520, 10.4993, 7.0868** is the 20% darker color. If you saturate the color by 10%, you get **18.5326, 25.4711, 16.3623**, and if you desaturate by 10%, it is **24.1809, 28.1868, 25.4875**.

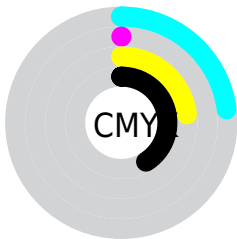
Distribution



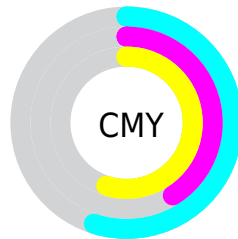
- Red (45%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (59%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1290, 26.7185, 20.5666 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 21.1290, 26.7185, 20.5666 by changing the saturation by 10% instead.

■ 21.1290, 26.7185,
20.5666

■ 21.1290, 26.7185,
20.5666

250.6820,
286.2916, 267.6711

■ 13.3313, 17.3619,
12.6194

■ 44.7918, 54.4318,
45.2365

■ 7.7357, 10.4929,
7.0394

■ 61.3876, 73.5573,
62.7963

■ 3.9767, 5.7269,
3.4079

■ 81.6469, 96.7080,
84.3974

■ 1.6889, 2.6798,
1.3065

■ 105.9349,
124.2681, 110.4583

■ 0.4493, 0.9669,
0.0671

134.6171,
156.6221, 141.3976

■ 0.0000, 0.0000,
0.0000

168.0588,

194.1545, 177.6338

206.6253,
237.2495, 219.5855

■ 21.1290, 26.7185,
20.5666

■ 21.1290, 26.7185,
20.5666

■ 18.5326, 25.4711,
16.3623

■ 24.1809, 28.1868,
25.4875

■ 16.3677, 24.4309,
12.8394

■ 27.7062, 29.8824,
31.1542

■ 14.6117, 23.5875,
9.9627

■ 31.7248, 31.8157,
37.5967

■ 13.2389, 22.9285,
7.6930

■ 36.2547, 33.9952,
44.8426

■ 12.2206, 22.4403,
5.9866

■ 41.3128, 36.4293,
52.9183

■ 11.5243, 22.1070,
4.7945

■ 46.9155, 39.1257,
61.8490

■ 11.1113, 21.9100,
4.0589

■ 53.0783, 42.0920,
71.6586

■ 10.9304, 21.8231,
3.7593

■ 59.8163, 45.3354,
82.3703

■ 67.1437, 48.8629,
94.0064

Harmonies

Analogous

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



23.2016, 26.7185, 16.7025



21.1290, 26.7185, 20.5666



20.2082, 26.7185, 27.3633

Triad

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



21.1290, 26.7185, 20.5666



24.7841, 26.7185, 48.2039



30.8967, 26.7185, 23.0879

Complementary

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



21.1290, 26.7185, 20.5666



24.1342, 20.9161, 31.2002

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.



31.4014, 26.7185, 30.8919



21.1290, 26.7185, 20.5666



27.7227, 26.7185, 46.4589

Square

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



21.1290, 26.7185, 20.5666



22.2115, 26.7185, 44.0902



30.2000, 26.7185, 39.6974



28.8693, 26.7185, 17.9509

Rectangle

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



21.1290, 26.7185, 20.5666



20.3168, 26.7185, 33.0756



30.2000, 26.7185, 39.6974



31.2562, 26.7185, 25.4417

Sweetspot

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



21.1297, 26.7196, 20.5672



46.4259, 51.5467, 51.0154



26.4726, 29.4807, 20.5151



10.2182, 11.3896, 11.1926



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.



21.1297, 26.7196, 20.5672



34.7987, 45.9555, 32.2694



22.2168, 27.1545, 26.2917



5.7359, 6.4710, 6.2202



9.0671, 18.0996, 3.1287



0.1123, 0.2221, 0.0453

Inverse Universe

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



24.1342, 20.9161, 31.2002



41.0493, 33.8806, 54.3901



22.8684, 20.4098, 24.5349



6.0282, 5.9064, 7.2548



14.7183, 7.0924, 23.0615



0.1820, 0.0875, 0.2918

Previews

White Background



This preview shows how the XYZ color 21.1290, 26.7185, 20.5666 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 21.1290, 26.7185, 20.5666 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

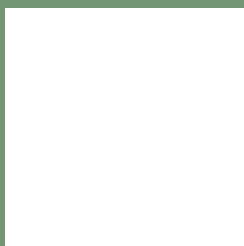
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1290, 26.7185, 20.5666

Background



This preview shows how black text looks on a background with the XYZ color 21.1290, 26.7185, 20.5666.



This preview shows how white text looks on a background with the XYZ color 21.1290, 26.7185,

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

21.1290, 26.7185, 20.5666

Protanopia

25.0272, 26.7036, 19.1645

Deuteranopia

26.8940, 26.3412, 21.1197



Tritanopia

24.1522, 26.7887, 35.3503

Trichromacy



Original Color

21.1290, 26.7185, 20.5666

Protanomaly

23.2704, 26.4571, 19.5030

Deuteranomaly

24.3252, 26.0839, 20.8922

Tritanomaly

22.8492, 26.7125, 29.1510

Monochromacy



Original Color

21.1290, 26.7185, 20.5666

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.3894, 25.2239, 24.4575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1290, 26.7185, 20.5666 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(115, 150, 116)` looks like.

```
.text, #text, p{  
    color:rgb(115, 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(115, 150, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 150, 116) }
```

Border

The CSS property to change the border of an element to XYZ 21.1290, 26.7185, 20.5666 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(115, 150, 116) }
```


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

```
.border{ border-color:rgb(115, 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(115, 150, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 150, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 150, 116);  
box-shadow:4px 4px 4px 4px rgb(115, 150,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1290, 26.7185, 20.5666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 150, 116) }
```

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

```
.background{ background-color: rgb(115,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor