

Converting Colors

XYZ(21.8705, 26.9150, 20.1870)

Have a look what the booklet for
XYZ(21.8705, 26.9150, 20.1870)
contains.

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Color

**XYZ(21.8680, 26.8703,
20.2536)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9573
RGB	122, 149, 115
RGB Percent	48%, 58%, 45%
CMY	0.5216, 0.4157, 0.5490
CMYK	0.18, 0.00, 0.23, 0.42
HSL	108°, 14%, 52%
HSV	108°, 23%, 58%
XYZ	21.8680, 26.8703, 20.2536
YIQ	137.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

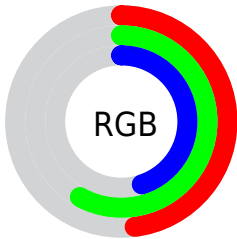
Format	Color
R_{YB}	115, 149, 142
Decimal	8033651
CIE _{Lab}	58.85, -16.27, 14.89
CIE _{LCh}	59, 22.053, 137.529
Yxy	26.8703, 0.3170, 0.3895
Android (android.graphics.Color)	4286223731 (0xFF7A9573)
YUV	137.0510, -10.8711, -13.1997
Hunter-Lab	51.8366, -15.4112, 13.1198

Details

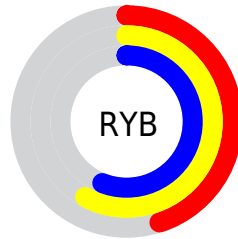
The XYZ color **21.8680, 26.8703, 20.2536** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7121, 20.1830, 31.1339**, and the grayscale version is **23.8389, 25.0804, 27.3126**.

A 20% lighter version of the original color is **46.0102, 54.6159, 44.6761**, and **8.1285, 10.5571, 6.9195** is the 20% darker color. If you saturate the color by 10%, you get **19.5044, 25.7438, 16.0233**, and if you desaturate by 10%, it is **24.5757, 28.1597, 25.2246**.

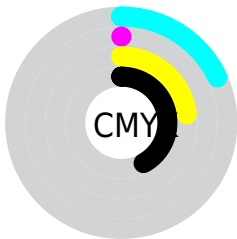
Distribution



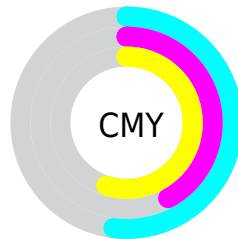
- Red (48%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (56%)



- Cyan (18%)
- Magenta (0%)
- Yellow (23%)
- Black (42%)



- Cyan (52%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8680, 26.8703, 20.2536 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 21.8680, 26.8703, 20.2536 by changing the saturation by 10% instead.

■ 21.8680, 26.8703,
20.2536

■ 21.8680, 26.8703,
20.2536

254.5015,
287.0286, 265.9342

■ 13.8760, 17.4758,
12.3936

■ 46.0082, 54.6757,
44.7065

■ 8.1156, 10.5743,
6.8866

■ 62.8871, 73.8554,
62.1365

■ 4.2214, 5.7814,
3.3139

■ 83.4591, 97.0656,
83.5936

■ 1.8282, 2.7126,
1.2571

108.0894,
124.6908, 109.4963

■ 0.5345, 0.9836,
0.0262

137.1434,
157.1152, 140.2632

■ 0.0000, 0.0000,
0.0000

170.9866,

194.7235, 176.3128

209.9841,
237.8998, 218.0636

■ 21.8680, 26.8703,
20.2536

■ 21.8680, 26.8703,
20.2536

■ 19.5044, 25.7438,
16.0233

■ 24.5757, 28.1597,
25.2246

■ 17.4688, 24.7704,
12.4967

■ 27.6385, 29.6147,
30.9676

■ 15.7470, 23.9443,
9.6359

■ 31.0696, 31.2422,
37.5142

■ 14.3229, 23.2582,
7.3993

■ 34.8807, 33.0475,
44.8936

■ 13.1789, 22.7039,
5.7400

■ 39.0832, 35.0359,
53.1337

■ 12.2953, 22.2726,
4.6050

■ 43.6878, 37.2124,
62.2609

■ 11.6498, 21.9541,
3.9311

■ 48.7050, 39.5819,
72.3008

■ 11.3032, 21.7822,
3.6087

■ 54.1448, 42.1489,
83.2776

■ 60.0168, 44.9179,
95.2148

Harmonies

Analogous

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



23.9943, 26.8703, 17.1592



21.8680, 26.8703, 20.2536



20.7597, 26.8703, 26.1364

Triad

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



21.8680, 26.8703, 20.2536



24.4251, 26.8703, 46.4809



30.8658, 26.8703, 24.9684

Complementary

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



21.8680, 26.8703, 20.2536



22.7121, 20.1830, 31.1339

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.



31.0017, 26.8703, 32.6170



21.8680, 26.8703, 20.2536



27.1494, 26.8703, 46.0160

Square

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



21.8680, 26.8703, 20.2536



22.1640, 26.8703, 41.7733



29.6003, 26.8703, 40.5977



29.2412, 26.8703, 19.5300

Rectangle

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



21.8680, 26.8703, 20.2536



20.6914, 26.8703, 31.2667



29.6003, 26.8703, 40.5977



31.0910, 26.8703, 27.3357

Sweetspot

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



21.8687, 26.8715, 20.2542



47.0441, 51.8700, 50.8375



25.1086, 26.8657, 20.0823



10.3640, 11.4658, 11.1507



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.



21.8687, 26.8715, 20.2542



37.0852, 47.1309, 32.5272



21.4968, 26.6123, 23.2838



5.8345, 6.5225, 6.1919



9.5339, 18.3428, 3.0380



0.1370, 0.2350, 0.0381

Inverse Universe

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



22.7121, 20.1830, 31.1339



38.8454, 33.1467, 55.2718



23.2132, 20.5266, 27.3065



5.9196, 5.8496, 7.2868



10.9162, 5.1001, 24.3401



0.1573, 0.0746, 0.2990

Previews

White Background



This preview shows how the XYZ color 21.8680, 26.8703, 20.2536 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 21.8680, 26.8703, 20.2536 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 21.8680, 26.8703, 20.2536

Background



This preview shows how black text looks on a background with the XYZ color 21.8680, 26.8703, 20.2536.



This preview shows how white text looks on a background with the XYZ color 21.8680, 26.8703,

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

21.8680, 26.8703, 20.2536

Protanopia

24.9718, 26.6815, 18.8728

Deuteranopia

27.1784, 26.7029, 20.8612



Tritanopia

24.9429, 26.9802, 34.9034

Trichromacy



Original Color

21.8680, 26.8703, 20.2536

Protanomaly

23.7131, 26.6918, 19.2315

Deuteranomaly

24.9485, 26.6300, 20.6548

Tritanomaly

23.6167, 26.8868, 28.7559

Monochromacy



Original Color

21.8680, 26.8703, 20.2536

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.0030, 25.5403, 24.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8680, 26.8703, 20.2536 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(122, 149, 115)` looks like.

```
.text, #text, p{  
    color:rgb(122, 149, 115)  
}
```

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(122, 149, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 149, 115) }
```

Border

The CSS property to change the border of an element to XYZ 21.8680, 26.8703, 20.2536 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(122, 149, 115) }
```


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

```
.border{ border-color:rgb(122, 149, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 149, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 149, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 149, 115); box-shadow:4px 4px 4px 4px rgb(122, 149, 115) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8680, 26.8703, 20.2536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 149, 115) }
```

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

```
.background{ background-color: rgb(122,  
149, 115) }
```

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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