

Converting Colors

XYZ(21.6754, 25.1855, 9.7935)

Have a look what the booklet for
XYZ(21.6754, 25.1855, 9.7935)
contains.

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Color

**XYZ(21.6791, 25.1804,
9.8486)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8D48
RGB	141, 141, 72
RGB Percent	55%, 55%, 28%
CMY	0.4471, 0.4470, 0.7176
CMYK	0.00, 0.00, 0.49, 0.45
HSL	60°, 32%, 42%
HSV	60°, 49%, 55%
XYZ	21.6791, 25.1804, 9.8486
YIQ	133.1340, 22.1490, -21.4590

Conversions

Conversions Part 2

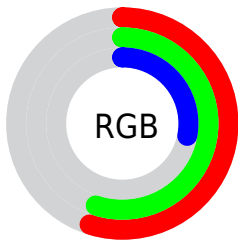
Format	Color
R_{YB}	72, 141, 72
Decimal	9276744
CIE _{Lab}	57.25, -10.24, 36.52
CIE _{LCh}	57, 37.926, 105.666
Yxy	25.1804, 0.3823, 0.4440
Android (android.graphics.Color)	4287466824 (0xFF8D8D48)
YUV	133.1340, -30.1391, 6.8985
Hunter-Lab	50.1801, -10.6985, 23.4895

Details

The XYZ color **21.6791, 25.1804, 9.8486** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **9.7985, 7.9362, 26.2163**, and the grayscale version is **22.4445, 23.6133, 25.7149**.

A 20% lighter version of the original color is **45.5696, 51.7245, 25.9944**, and **8.0258, 9.6720, 2.3080** is the 20% darker color. If you saturate the color by 10%, you get **21.2710, 25.0181, 7.6977**, and if you desaturate by 10%, it is **22.1939, 25.3873, 12.5562**.

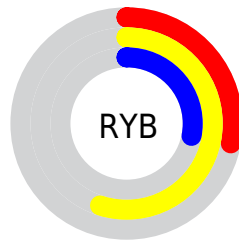
Distribution



Red (55%)

Green (55%)

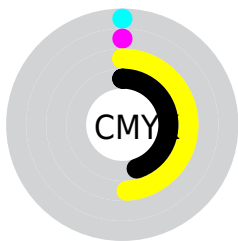
Blue (28%)



Red (28%)

Yellow (55%)

Blue (28%)

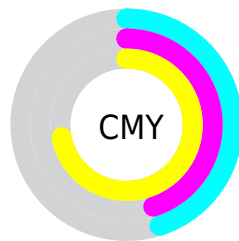


Cyan (0%)

Magenta (0%)

Yellow (49%)

Black (45%)



Cyan (45%)

Magenta (45%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6791, 25.1804, 9.8486 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 21.6791, 25.1804, 9.8486 by changing the saturation by 10% instead.

■ 21.6791, 25.1804,
9.8486

■ 21.6791, 25.1804,
9.8486

253.5298,
278.7352, 200.0335

■ 13.7366, 16.2115,
5.1944

■ 45.6979, 51.9497,
26.1137

■ 8.0182, 9.6739,
2.3010

■ 62.5048, 70.5190,
38.5617

■ 4.1585, 5.1833,
0.7318

■ 82.9973, 93.0571,
54.4446

■ 1.7922, 2.3552,
0.0000

■ 107.5406,
119.9485, 74.1811

■ 0.5129, 0.8027,
0.0000

■ 136.5002,
151.5777, 98.1897

■ 0.0000, 0.0000,
0.0000

170.2413,

188.3289, 126.8890

209.1294,
230.5866, 160.6974

■ 21.6791, 25.1804,
9.8486

■ 21.6791, 25.1804,
9.8486

■ 21.2710, 25.0181,
7.6977

■ 22.1939, 25.3873,
12.5562

■ 20.9605, 24.8939,
6.0636

■ 22.8203, 25.6378,
15.8540

■ 20.7400, 24.8056,
4.9032

■ 23.5649, 25.9357,
19.7743

■ 20.5999, 24.7496,
4.1661

■ 24.4334, 26.2831,
24.3470

■ 20.5174, 24.7166,
3.7325

■ 25.4311, 26.6822,
29.5999

■ 20.5092, 24.7133,
3.6892

■ 26.5629, 27.1349,
35.5591

■ 27.8336, 27.6432,
42.2494

■ 29.2475, 28.2088,
49.6946

■ 30.8091, 28.8335,
57.9170

Harmonies

Analogous

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



26.1325, 25.1804, 9.7737



21.6791, 25.1804, 9.8486



18.2792, 25.1804, 13.5250

Triad

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



21.6791, 25.1804, 9.8486



18.3979, 25.1804, 49.1508



33.2993, 25.1804, 33.9981

Complementary

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



21.6791, 25.1804, 9.8486



9.7985, 7.9362, 26.2163

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.



30.6473, 25.1804, 48.5542



21.6791, 25.1804, 9.8486



21.8609, 25.1804, 58.9858

Square

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



21.6791, 25.1804, 9.8486



16.5525, 25.1804, 34.6422



26.3384, 25.1804, 58.7385



33.2347, 25.1804, 21.2738

Rectangle

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



21.6791, 25.1804, 9.8486



16.9037, 25.1804, 18.4469



26.3384, 25.1804, 58.7385



32.6829, 25.1804, 38.9062

Sweetspot

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



21.6797, 25.1816, 9.8491



42.7344, 46.6582, 38.2327



14.4725, 10.7660, 7.4465



9.4829, 10.3964, 8.2132



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.6797, 25.1816, 9.8491



38.0069, 44.7670, 13.3440



16.6991, 22.6139, 9.6160



5.8395, 6.2854, 5.7948



18.6994, 22.5325, 3.3636



0.1788, 0.2154, 0.0322

Inverse Universe

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



9.7985, 7.9362, 26.2163



14.0685, 10.0209, 46.3206



13.1293, 9.6533, 26.3722



5.1296, 5.2550, 6.7727



4.3839, 1.7536, 23.0845



0.0419, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 21.6791, 25.1804, 9.8486 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 21.6791, 25.1804, 9.8486 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 21.6791, 25.1804, 9.8486

Background



This preview shows how black text looks on a background with the XYZ color 21.6791, 25.1804, 9.8486.



This preview shows how white text looks on a background with the XYZ color 21.6791, 25.1804,

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

21.6791, 25.1804, 9.8486

Protanopia

23.1747, 25.3073, 9.6246

Deuteranopia

25.5008, 25.0518, 9.9700



Tritanopia

25.7399, 25.1478, 29.4840

Trichromacy



Original Color

21.6791, 25.1804, 9.8486

Protanomaly

22.5827, 25.2161, 9.6382

Deuteranomaly

23.9671, 25.0781, 9.8807

Tritanomaly

23.8691, 25.0037, 20.3978

Monochromacy



Original Color

21.6791, 25.1804, 9.8486

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.8267, 23.9903, 18.5191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6791, 25.1804, 9.8486 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(141, 141, 72)` looks like.

```
.text, #text, p{  
    color:rgb(141, 141, 72)  
}
```

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(141, 141, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 141, 72) }
```

Border

The CSS property to change the border of an element to XYZ 21.6791, 25.1804, 9.8486 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(141, 141, 72) }
```


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

```
.border{ border-color:rgb(141, 141, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 141, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 141, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 141, 72);  
box-shadow:4px 4px 4px 4px rgb(141, 141,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6791, 25.1804, 9.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 141, 72) }
```

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

```
.background{ background-color: rgb(141,  
141, 72) }
```

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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