

Converting Colors

XYZ(51.8955, 41.1873, 22.0444)

Have a look what the booklet for
XYZ(51.8955, 41.1873, 22.0444)
contains.

XYZ(51.8955, 41.1873, 22.0444)	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(51.8955, 41.1873,
22.0444)**

Conversions

Conversions Part 1

Format	Color
Hex	F89075
RGB	248, 144, 117
RGB Percent	97%, 56%, 46%
CMY	0.0275, 0.4353, 0.5412
CMYK	0.00, 0.42, 0.53, 0.03
HSL	12°, 90%, 72%
HSV	12°, 53%, 97%
XYZ	51.8955, 41.1873, 22.0444
YIQ	172.0180, 70.6510, 13.6510

Conversions

Conversions Part 2

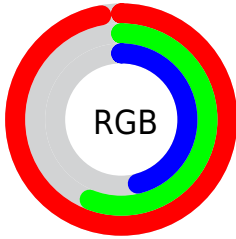
Format	Color
R _Y B	248, 151, 117
Decimal	16289909
CIE Lab	70.31, 36.65, 31.37
CIE LCh	70, 48.242, 40.557
Yxy	41.1873, 0.4508, 0.3578
Android (android.graphics.Color)	4294479989 (0xFFFF89075)
YUV	172.0180, -27.1239, 66.6362
Hunter-Lab	64.1773, 32.0295, 24.5585

Details

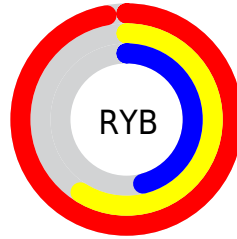
The XYZ color **51.8955, 41.1873, 22.0444** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.1343, 62.2689, 98.1832**, and the grayscale version is **39.3307, 41.3790, 45.0617**.

A 20% lighter version of the original color is **68.8249, 64.9714, 46.4494**, and **25.6096, 18.7630, 7.7407** is the 20% darker color. If you saturate the color by 10%, you get **47.8996, 35.2282, 14.4466**, and if you desaturate by 10%, it is **56.7996, 48.3451, 31.8509**.

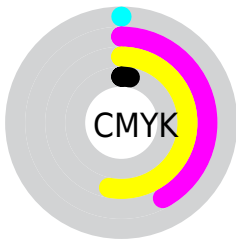
Distribution



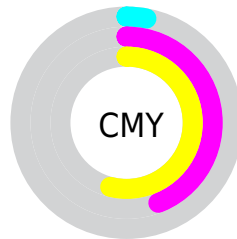
- Red (97%)
- Green (56%)
- Blue (46%)



- Red (97%)
- Yellow (59%)
- Blue (46%)



- Cyan (0%)
- Magenta (42%)
- Yellow (53%)
- Black (3%)



- Cyan (3%)
- Magenta (44%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8955, 41.1873, 22.0444 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 51.8955, 41.1873, 22.0444 by changing the saturation by 10% instead.

51.8955, 41.1873,
22.0444

51.8955, 41.1873,
22.0444

384.3636,
351.1028, 275.7391

37.1457, 28.4655,
13.6909

92.1522, 76.9681,
47.7225

25.4945, 18.6768,
7.7697

118.3899,
100.7959, 65.8842

16.5766, 11.4370,
3.8623

149.1876,
129.0945, 88.1523

10.0265, 6.3616,
1.5501

184.9107,
162.2483, 114.9455

5.4789, 3.0662,
0.2548

225.9244,
200.6416, 146.6822

2.5685, 1.1664,
0.0000

272.5943,

0.9299, 0.0340,

244.6588, 183.7810

0.0000

325.2856,
294.6845, 226.6605

■ 0.0000, 0.0000,
0.0000

■ 51.8955, 41.1873,
22.0444

■ 51.8955, 41.1873,
22.0444

■ 47.8996, 35.2282,
14.4466

■ 56.7996, 48.3451,
31.8509

■ 44.7506, 30.3949,
8.8817

■ 62.6618, 56.7563,
44.0187

■ 42.3841, 26.6162,
5.1509

■ 69.5317, 66.4802,
58.6893

■ 40.7239, 23.8096,
3.0131

■ 77.4546, 77.5700,
75.9924

■ 39.9005, 22.3350,
2.2081

■ 86.4730, 90.0761,
96.0488

92.5212, 98.6964,
108.7817

Harmonies

Analogous

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



56.1088, 41.1873, 37.3201



51.8955, 41.1873, 22.0444



44.4387, 41.1873, 15.0091

Triad

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



51.8955, 41.1873, 22.0444



26.4708, 41.1873, 31.8379



42.0044, 41.1873, 102.8411

Complementary

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



51.8955, 41.1873, 22.0444



50.1343, 62.2689, 98.1832

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.



34.2935, 41.1873, 99.8295



51.8955, 41.1873, 22.0444



26.0031, 41.1873, 53.3211

Square

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



51.8955, 41.1873, 22.0444



30.0564, 41.1873, 19.2001



28.6791, 41.1873, 79.6034



49.9080, 41.1873, 86.8161

Rectangle

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



51.8955, 41.1873, 22.0444



38.9994, 41.1873, 13.8427



28.6791, 41.1873, 79.6034



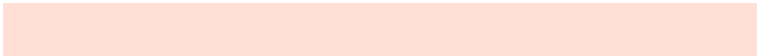
39.2955, 41.1873, 104.1267

Sweetspot

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



51.8965, 41.1894, 22.0452



79.6870, 78.6930, 74.7416



58.2307, 37.9425, 73.2212



16.6801, 16.3173, 15.1749



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



51.8965, 41.1894, 22.0452



50.9262, 37.3745, 15.2021



64.6491, 66.6946, 26.2960



17.5344, 17.8047, 17.9749



21.6342, 12.2250, 1.2194



2.0759, 1.2766, 0.1370

Inverse Universe

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



50.1343, 62.2689, 98.1832



48.7919, 61.7978, 103.9643



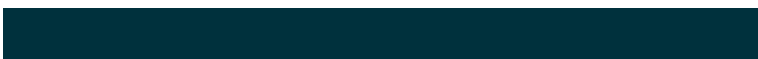
36.2185, 34.4373, 93.5446



17.4442, 18.9652, 22.1265



20.0270, 25.4097, 51.8226



1.9287, 2.5010, 4.8243

Previews

White Background



This preview shows how the XYZ color 51.8955, 41.1873, 22.0444 looks on a white background.

Color Contrast Check

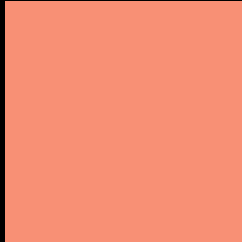
Large Text (above 18pt) WCAG AA × Fail

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 51.8955, 41.1873, 22.0444 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 ✓ Pass

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

XYZ 51.8955, 41.1873, 22.0444

Background



This preview shows how black text looks on a background with the XYZ color 51.8955, 41.1873, 22.0444.



This preview shows how white text looks on a background with the XYZ color 51.8955, 41.1873,

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

51.8955, 41.1873, 22.0444

Protanopia

38.7226, 41.4043, 26.7198

Deuteranopia

42.1679, 41.3679, 21.3851



Tritanopia

54.1620, 40.9912, 33.9116

Trichromacy



Original Color

51.8955, 41.1873, 22.0444

Protanomaly

42.6344, 40.7312, 25.0169

Deuteranomaly

45.2184, 40.8584, 21.4228

Tritanomaly

53.1792, 41.0245, 29.1604

Monochromacy



Original Color

51.8955, 41.1873, 22.0444

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.4072, 40.3870, 35.2661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8955, 41.1873, 22.0444 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(248, 144, 117)` looks like.

```
.text, #text, p{  
    color:rgb(248, 144, 117)  
}
```

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(248, 144, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 144, 117) }
```

Border

The CSS property to change the border of an element to XYZ 51.8955, 41.1873, 22.0444 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(248, 144, 117) }
```


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

```
.border{ border-color:rgb(248, 144, 117) }
```

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

Here you see how a box with a 4 pixel rgb(248, 144, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 144, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 144, 117);  
box-shadow:4px 4px 4px 4px rgb(248, 144,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8955, 41.1873, 22.0444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 144, 117) }
```

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

```
.background{ background-color: rgb(248,  
144, 117) }
```

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