

Converting Colors

XYZ(50.8929, 40.9839, 20.7542)

Have a look what the booklet for
XYZ(50.8929, 40.9839, 20.7542)
contains.

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Color

**XYZ(50.7622, 40.8555,
20.8332)**

Conversions

Conversions Part 1

Format	Color
Hex	F59171
RGB	245, 145, 113
RGB Percent	96%, 57%, 44%
CMY	0.0392, 0.4313, 0.5569
CMYK	0.00, 0.41, 0.54, 0.04
HSL	15°, 87%, 70%
HSV	15°, 54%, 96%
XYZ	50.7622, 40.8555, 20.8332
YIQ	171.2520, 69.8720, 11.2480

Conversions

Conversions Part 2

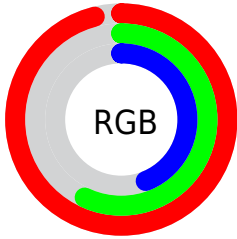
Format	Color
R_{YB}	245, 155, 113
Decimal	16093553
CIE _{Lab}	70.07, 34.66, 33.16
CIE _{LCh}	70, 47.964, 43.734
Yxy	40.8555, 0.4514, 0.3633
Android (android.graphics.Color)	4294283633 (0xFFFF59171)
YUV	171.2520, -28.7182, 64.6770
Hunter-Lab	63.9183, 29.9029, 25.4181

Details

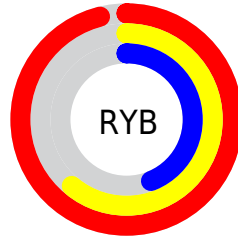
The XYZ color **50.7622, 40.8555, 20.8332** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.0843, 57.6888, 95.0393**, and the grayscale version is **38.9517, 40.9802, 44.6274**.

A 20% lighter version of the original color is **68.6858, 65.2852, 44.5785**, and **24.8473, 18.5132, 7.1143** is the 20% darker color. If you saturate the color by 10%, you get **46.9565, 35.1617, 13.6538**, and if you desaturate by 10%, it is **55.4054, 47.6289, 30.1290**.

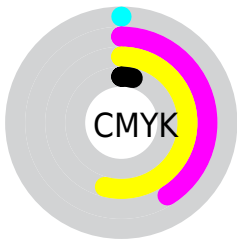
Distribution



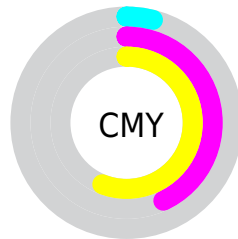
- Red (96%)
- Green (57%)
- Blue (44%)



- Red (96%)
- Yellow (61%)
- Blue (44%)



- Cyan (0%)
- Magenta (41%)
- Yellow (54%)
- Black (4%)





- Cyan (4%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7622, 40.8555, 20.8332 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 50.7622, 40.8555, 20.8332 by changing the saturation by 10% instead.


 50.7622, 40.8555,
20.8332


 50.7622, 40.8555,
20.8332


380.0421,
349.7163, 269.1426


 36.2397, 28.2062,
12.8121


 90.4883, 76.4645,
45.6869


 24.7903, 18.4811,
7.1701


 116.4225,
100.1930, 63.3567

 16.0488, 11.2960,
3.4886


 146.8913,
128.3833, 85.0796

 9.6498, 6.2663,
1.3492

 182.2601,
161.4198, 111.2744

 5.2278, 3.0077,
0.1016

222.8942,
199.6870, 142.3596

 2.4177, 1.1357,
0.0000

269.1590,

 0.8539, 0.0083,

243.5692, 178.7536

0.0000

321.4199,
293.4509, 220.8751

■ 0.0000, 0.0000,
0.0000

■ 50.7622, 40.8555,
20.8332

■ 50.7622, 40.8555,
20.8332

■ 46.9565, 35.1617,
13.6538

■ 55.4054, 47.6289,
30.1290

■ 43.9322, 30.4841,
8.4192

■ 60.9315, 55.5285,
41.6896

■ 41.6304, 26.7618,
4.9347

■ 67.3857, 64.6056,
55.6527

■ 39.9808, 23.9241,
2.9626

■ 74.8095, 74.9064,
72.1443

■ 39.2409, 22.5821,
2.2906

■ 83.2415, 86.4747,
91.2813

91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



55.3760, 40.8555, 35.0105



50.7622, 40.8555, 20.8332



43.2050, 40.8555, 14.5972

Triad

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



50.7622, 40.8555, 20.8332



26.0944, 40.8555, 33.4640



42.5182, 40.8555, 100.9146

Complementary

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



50.7622, 40.8555, 20.8332



47.0843, 57.6888, 95.0393

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.



34.7643, 40.8555, 100.0650



50.7622, 40.8555, 20.8332



25.9624, 40.8555, 55.5303

Square

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



50.7622, 40.8555, 20.8332



29.3233, 40.8555, 20.0307



28.9347, 40.8555, 81.4602



50.2015, 40.8555, 83.4949

Rectangle

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



50.7622, 40.8555, 20.8332



37.8595, 40.8555, 13.8330



28.9347, 40.8555, 81.4602



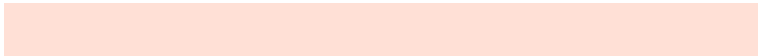
39.8209, 40.8555, 102.8984

Sweetspot

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



50.7632, 40.8576, 20.8340



80.0838, 79.4865, 74.8739



55.7245, 36.0882, 67.7810



16.7736, 16.5044, 15.2061



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.



50.7632, 40.8576, 20.8340



50.9620, 37.8020, 14.1169



63.6340, 66.5992, 25.1242



16.8254, 17.1349, 17.2181



21.2297, 12.3451, 1.2639



1.9430, 1.2392, 0.1368

Inverse Universe

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



47.0843, 57.6888, 95.0393



46.4461, 57.8607, 103.3280



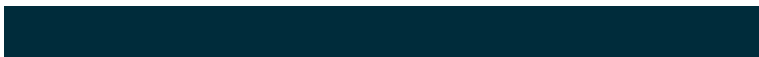
33.9130, 31.3462, 90.6488



16.6364, 18.0371, 21.1472



18.4059, 22.6055, 49.9312



1.6971, 2.1457, 4.4149

Previews

White Background



This preview shows how the XYZ color 50.7622, 40.8555, 20.8332 looks on a white background.

Color Contrast Check

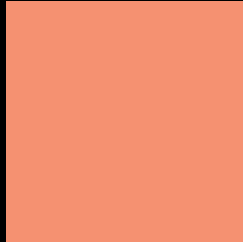
Large Text (above 18pt) WCAG AA × Fail

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 50.7622, 40.8555, 20.8332 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 50.7622, 40.8555, 20.8332

Background



This preview shows how black text looks on a background with the XYZ color 50.7622, 40.8555, 20.8332.



This preview shows how white text looks on a background with the XYZ color 50.7622, 40.8555,

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

50.7622, 40.8555, 20.8332

Protanopia

38.3982, 41.2746, 25.0118

Deuteranopia

41.7679, 40.9204, 20.1650



Tritanopia

53.5945, 40.9146, 33.9267

Trichromacy



Original Color

50.7622, 40.8555, 20.8332

Protanomaly

42.0426, 40.4621, 23.3634

Deuteranomaly

44.6902, 40.6119, 20.2353

Tritanomaly

52.5461, 40.9263, 28.7970

Monochromacy



Original Color

50.7622, 40.8555, 20.8332

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.7141, 40.0484, 34.3857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7622, 40.8555, 20.8332 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(245, 145, 113)` looks like.

```
.text, #text, p{  
    color:rgb(245, 145, 113)  
}
```

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(245, 145, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 145, 113) }
```

Border

The CSS property to change the border of an element to XYZ 50.7622, 40.8555, 20.8332 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(245, 145, 113) }
```


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

```
.border{ border-color:rgb(245, 145, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 145, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 145, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 145, 113);  
box-shadow:4px 4px 4px 4px rgb(245, 145,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7622, 40.8555, 20.8332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 145, 113) }
```

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

```
.background{ background-color: rgb(245,  
145, 113) }
```

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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