

Converting Colors

XYZ(63.5134, 41.0261, 23.4629)

Have a look what the booklet for
XYZ(63.5134, 41.0261, 23.4629)
contains.

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Color

**XYZ(50.7203, 34.5003,
22.7249)**

Conversions

Conversions Part 1

Format	Color
Hex	FF717B
RGB	255, 113, 123
RGB Percent	100%, 44%, 48%
CMY	0.0000, 0.5568, 0.5176
CMYK	0.00, 0.56, 0.52, 0.00
HSL	356°, 100%, 72%
HSV	356°, 56%, 100%
XYZ	50.7203, 34.5003, 22.7249
YIQ	156.5980, 81.4220, 33.2140

Conversions

Conversions Part 2

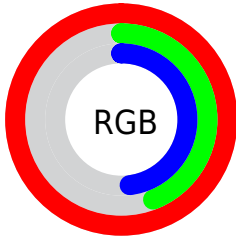
Format	Color
R_{YB}	255, 113, 123
Decimal	16740731
CIE _{Lab}	65.36, 54.88, 21.64
CIE _{LCh}	65, 58.988, 21.519
Yxy	34.5003, 0.4699, 0.3196
Android (android.graphics.Color)	4294930811 (0xFFFF717B)
YUV	156.5980, -16.5638, 86.2986
Hunter-Lab	58.7370, 51.3479, 18.1770

Details

The XYZ color **50.7203, 34.5003, 22.7249** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **59.0535, 81.6241, 99.0345**, and the grayscale version is **31.9149, 33.5769, 36.5653**.

A 20% lighter version of the original color is **63.1658, 52.7311, 47.4064**, and **24.6915, 14.7581, 8.0258** is the 20% darker color. If you saturate the color by 10%, you get **46.9557, 29.0655, 15.0140**, and if you desaturate by 10%, it is **55.6449, 41.6805, 32.5955**.

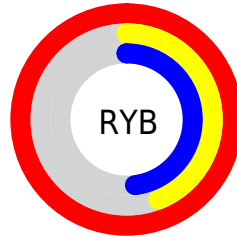
Distribution



Red (100%)

Green (44%)

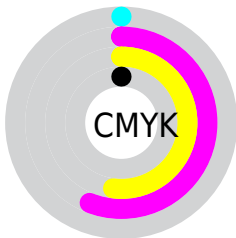
Blue (48%)



Red (100%)

Yellow (44%)

Blue (48%)

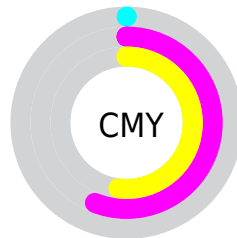


Cyan (0%)

Magenta (56%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.7203, 34.5003, 22.7249 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 50.7203, 34.5003, 22.7249 by changing the saturation by 10% instead.


 50.7203, 34.5003,
22.7249

 50.7203, 34.5003,
22.7249


379.8817,
322.3572, 279.3848

 36.2062, 23.2782,
14.1871


 90.4266, 66.7109,
48.8587

 24.7643, 14.7991,
8.1107


 116.3496, 88.4682,
67.2917

 16.0294, 8.6785,
4.0771


 146.8062,
114.5061, 89.8603

 9.6359, 4.5321,
1.6677

182.1619,
145.2089, 116.9830

 5.2186, 1.9754,
0.3385

222.7819,
180.9610, 149.0782

 2.4122, 0.5931,
0.0000

269.0316,

 0.8512, 0.0000,

222.1468, 186.5646

0.0000

321.2764,
269.1507, 229.8606

■ 0.0000, 0.0000,
0.0000

■ 50.7203, 34.5003,
22.7249

■ 50.7203, 34.5003,
22.7249

■ 46.9557, 29.0655,
15.0140

■ 55.6449, 41.6805,
32.5955

■ 44.2533, 25.2222,
9.2990

■ 61.8116, 50.7317,
44.7692

■ 42.5035, 22.7996,
5.3958

■ 69.2978, 61.7745,
59.3793

■ 41.5714, 21.5842,
3.0850

■ 78.1741, 74.9177,
76.5484

■ 41.3486, 21.3034,
2.5026

■ 88.5060, 90.2623,
96.3909

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



52.0321, 34.5003, 44.9965



50.7203, 34.5003, 22.7249



44.2037, 34.5003, 11.3389

Triad

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



50.7203, 34.5003, 22.7249



21.4686, 34.5003, 15.1192



30.4111, 34.5003, 106.6367

Complementary

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



50.7203, 34.5003, 22.7249



59.0535, 81.6241, 99.0345

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.



23.5349, 34.5003, 88.2164



50.7203, 34.5003, 22.7249



18.9967, 34.5003, 31.0003

Square

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



50.7203, 34.5003, 22.7249



27.0884, 34.5003, 8.4757



19.6806, 34.5003, 57.7681



39.2436, 34.5003, 101.1497

Rectangle

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



50.7203, 34.5003, 22.7249



38.3215, 34.5003, 8.1612



19.6806, 34.5003, 57.7681



27.8208, 34.5003, 102.8222

Sweetspot

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



50.7212, 34.5022, 22.7255



76.9234, 73.0631, 74.1368



60.9759, 38.1165, 98.7509



16.0667, 15.0486, 15.0999



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.



50.7212, 34.5022, 22.7255



46.5413, 28.4717, 14.1508



59.0062, 52.0227, 22.5567



18.0612, 18.0078, 18.9396



21.6244, 11.1391, 1.4068



2.1227, 1.0915, 0.2276

Inverse Universe

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



50.7212, 34.5022, 22.7255



46.5413, 28.4717, 14.1508



44.5642, 50.1374, 101.9362



18.0612, 18.0078, 18.9396



21.6244, 11.1391, 1.4068



2.1227, 1.0915, 0.2276

Previews

White Background



This preview shows how the XYZ color 50.7203, 34.5003, 22.7249 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 50.7203, 34.5003, 22.7249 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 50.7203, 34.5003, 22.7249

Background



This preview shows how black text looks on a background with the XYZ color 50.7203, 34.5003, 22.7249.



This preview shows how white text looks on a background with the XYZ color 50.7203, 34.5003,

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

50.7203, 34.5003, 22.7249

Protanopia

33.0260, 34.8399, 31.7722

Deuteranopia

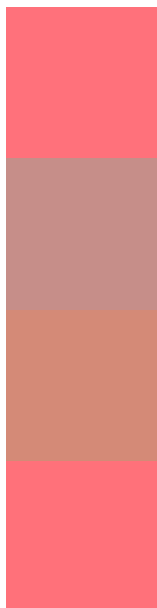
35.1782, 34.4322, 21.6216



Tritanopia

50.5963, 34.4507, 22.0721

Trichromacy



Original Color

50.7203, 34.5003, 22.7249

Protanomaly

37.4771, 33.1579, 28.0918

Deuteranomaly

39.5696, 33.5059, 21.8345

Tritanomaly

50.6580, 34.4754, 22.3968

Monochromacy



Original Color

50.7203, 34.5003, 22.7249

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

36.6280, 32.4315, 31.1175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.7203, 34.5003, 22.7249 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(255, 113, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 123)  
}
```

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(255, 113, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 123) }
```

Border

The CSS property to change the border of an element to XYZ 50.7203, 34.5003, 22.7249 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(255, 113, 123) }
```


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

```
.border{ border-color:rgb(255, 113, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 50.7203, 34.5003, 22.7249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 123) }
```

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

```
.background{ background-color: rgb(255,  
113, 123) }
```

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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