

Converting Colors

XYZ(48.7703, 34.8790, 22.9007)

Have a look what the booklet for
XYZ(48.7703, 34.8790, 22.9007)
contains.

XYZ(48.7703, 34.8790, 22.9007)	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(48.7703, 34.8790,
22.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	F7797B
RGB	247, 121, 123
RGB Percent	97%, 47%, 48%
CMY	0.0314, 0.5255, 0.5176
CMYK	0.00, 0.51, 0.50, 0.03
HSL	359°, 89%, 72%
HSV	359°, 51%, 97%
XYZ	48.7703, 34.8790, 22.9007
YIQ	158.9020, 74.4540, 27.3340

Conversions

Conversions Part 2

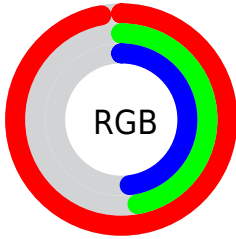
Format	Color
R_{YB}	247, 121, 123
Decimal	16218491
CIE _{Lab}	65.65, 48.33, 21.84
CIE _{LCh}	66, 53.039, 24.321
Yxy	34.8790, 0.4577, 0.3273
Android (android.graphics.Color)	4294408571 (0xFFFF7797B)
YUV	158.9020, -17.6997, 77.2619
Hunter-Lab	59.0584, 44.0525, 18.3504

Details

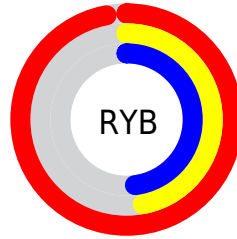
The XYZ color **48.7703, 34.8790, 22.9007** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **57.6294, 77.1798, 98.2513**, and the grayscale version is **32.9655, 34.6823, 37.7690**.

A 20% lighter version of the original color is **64.5032, 55.4058, 47.8521**, and **23.4929, 14.9478, 8.1256** is the 20% darker color. If you saturate the color by 10%, you get **44.8061, 29.0911, 14.9808**, and if you desaturate by 10%, it is **53.8824, 42.3582, 33.0676**.

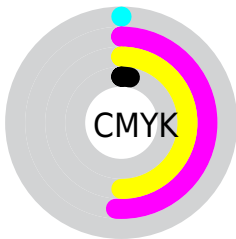
Distribution



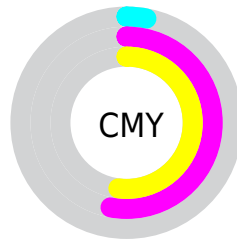
- Red (97%)
- Green (47%)
- Blue (48%)



- Red (97%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (51%)
- Yellow (50%)
- Black (3%)





- Cyan (3%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7703, 34.8790, 22.9007 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 48.7703, 34.8790, 22.9007 by changing the saturation by 10% instead.


 48.7703, 34.8790,
22.9007

 48.7703, 34.8790,
22.9007


372.3693,
324.0339, 280.3199

 34.6511, 23.5697,
14.3156

 87.5530, 67.2983,
49.1514

 23.5595, 15.0147,
8.1992

 112.9472, 89.1770,
67.6540

 15.1301, 8.8297,
4.1331


 142.8304,
115.3477, 90.2995

 8.9977, 4.6303,
1.6986

177.5680,
146.1947, 117.5065

 4.7968, 2.0320,
0.3598

217.5253,
182.1024, 149.6935

 2.1620, 0.6260,
0.0000

263.0677,

 0.7226, 0.0000,

223.4553, 187.2791

0.0000

314.5606,
270.6377, 230.6817

■ 0.0000, 0.0000,
0.0000

■ 48.7703, 34.8790,
22.9007

■ 48.7703, 34.8790,
22.9007

■ 44.8061, 29.0911,
14.9808

■ 53.8824, 42.3582,
33.0676

■ 41.8987, 24.8579,
9.1360

■ 60.2188, 51.6406,
45.6321

■ 39.9478, 22.0307,
5.1728

■ 67.8526, 62.8349,
60.7341

■ 38.8324, 20.4294,
2.8601

■ 76.8502, 76.0396,
78.5021

■ 38.3790, 19.7826,
1.9078

■ 87.2737, 91.3464,
99.0560

92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



50.4137, 34.8790, 42.3854



48.7703, 34.8790, 22.9007



42.6838, 34.8790, 12.6926

Triad

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



48.7703, 34.8790, 22.9007



22.4066, 34.8790, 18.0405



31.6902, 34.8790, 98.7036

Complementary

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



48.7703, 34.8790, 22.9007



57.6294, 77.1798, 98.2513

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.



25.1558, 34.8790, 84.6020



48.7703, 34.8790, 22.9007



20.3621, 34.8790, 33.8859

Square

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



48.7703, 34.8790, 22.9007



27.3541, 34.8790, 10.7548



21.2836, 34.8790, 58.5396



39.7150, 34.8790, 92.0563

Rectangle

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



48.7703, 34.8790, 22.9007



37.3691, 34.8790, 9.8289



21.2836, 34.8790, 58.5396



29.2637, 34.8790, 96.1058

Sweetspot

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



48.7712, 34.8808, 22.9013



78.5591, 75.7852, 76.3755



61.2480, 39.7865, 92.4468



16.3782, 15.5804, 15.4853



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.



48.7712, 34.8808, 22.9013



48.1384, 31.2267, 16.0373



58.5176, 54.5713, 25.5408



16.5098, 16.4868, 17.1651



20.3023, 10.4644, 1.0343



1.7880, 0.9212, 0.1102

Inverse Universe

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



48.7712, 34.8808, 22.9013



48.1384, 31.2267, 16.0373



42.2555, 45.9424, 94.6360



16.5098, 16.4868, 17.1651



20.3023, 10.4644, 1.0343



1.7880, 0.9212, 0.1102

Previews

White Background



This preview shows how the XYZ color 48.7703, 34.8790, 22.9007 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 48.7703, 34.8790, 22.9007 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 48.7703, 34.8790, 22.9007

Background



This preview shows how black text looks on a background with the XYZ color 48.7703, 34.8790, 22.9007.



This preview shows how white text looks on a background with the XYZ color 48.7703, 34.8790,

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

48.7703, 34.8790, 22.9007

Protanopia

33.1422, 34.9349, 30.1956

Deuteranopia

35.6475, 34.9093, 21.9989



Tritanopia

49.0367, 34.7921, 24.8999

Trichromacy



Original Color

48.7703, 34.8790, 22.9007

Protanomaly

37.1934, 33.7078, 27.1002

Deuteranomaly

39.4934, 34.1075, 22.2712

Tritanomaly

48.9050, 34.7394, 24.2065

Monochromacy



Original Color

48.7703, 34.8790, 22.9007

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

36.7996, 33.4025, 31.7019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7703, 34.8790, 22.9007 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(247, 121, 123)` looks like.

```
.text, #text, p{  
    color:rgb(247, 121, 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(247, 121, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 121, 123) }
```

Border

The CSS property to change the border of an element to XYZ 48.7703, 34.8790, 22.9007 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(247, 121, 123) }
```


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

```
.border{ border-color:rgb(247, 121, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 121, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 121, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 121, 123);  
box-shadow:4px 4px 4px 4px rgb(247, 121,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7703, 34.8790, 22.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 121, 123) }
```

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

```
.background{ background-color: rgb(247,  
121, 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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