

Converting Colors

XYZ(53.0139, 41.5749, 24.0231)

Have a look what the booklet for
XYZ(53.0139, 41.5749, 24.0231)
contains.

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Color

**XYZ(52.8220, 41.3990,
23.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8F7B
RGB	250, 143, 123
RGB Percent	98%, 56%, 48%
CMY	0.0196, 0.4392, 0.5176
CMYK	0.00, 0.43, 0.51, 0.02
HSL	9°, 93%, 73%
HSV	9°, 51%, 98%
XYZ	52.8220, 41.3990, 23.9457
YIQ	172.7130, 70.1920, 16.4640

Conversions

Conversions Part 2

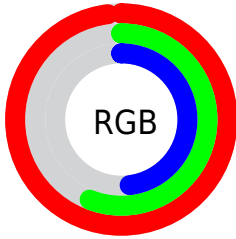
Format	Color
R _Y B	250, 147, 123
Decimal	16420731
CIE Lab	70.45, 38.43, 28.34
CIE LCh	70, 47.751, 36.402
Yxy	41.3990, 0.4470, 0.3503
Android (android.graphics.Color)	4294610811 (0xFFFA8F7B)
YUV	172.7130, -24.5085, 67.7807
Hunter-Lab	64.3421, 33.9421, 22.9739

Details

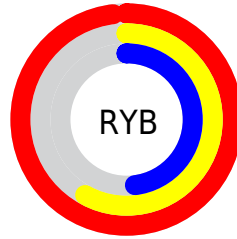
The XYZ color **52.8220, 41.3990, 23.9457** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.7190, 67.7034, 100.6790**, and the grayscale version is **39.6712, 41.7372, 45.4518**.

A 20% lighter version of the original color is **69.2706, 64.7828, 49.9277**, and **26.2123, 18.9237, 8.7497** is the 20% darker color. If you saturate the color by 10%, you get **48.5818, 35.1115, 15.7723**, and if you desaturate by 10%, it is **58.0575, 49.0377, 34.4228**.

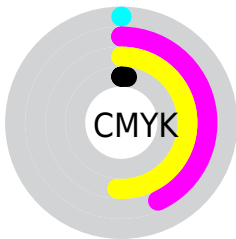
Distribution



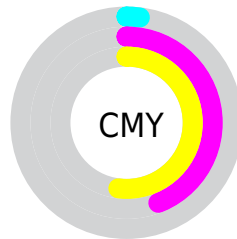
- Red (98%)
- Green (56%)
- Blue (48%)



- Red (98%)
- Yellow (58%)
- Blue (48%)



- Cyan (0%)
- Magenta (43%)
- Yellow (51%)
- Black (2%)





- Cyan (2%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8220, 41.3990, 23.9457 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 52.8220, 41.3990, 23.9457 by changing the saturation by 10% instead.


 52.8220, 41.3990,
23.9457


 52.8220, 41.3990,
23.9457


387.8739,
351.9855, 285.8236


 37.8876, 28.6310,
15.0815


 93.5095, 77.2892,
50.8843

 26.0723, 18.8018,
8.7294


 119.9932,
101.1802, 69.7958

 17.0107, 11.5272,
4.4707


 151.0575,
129.5477, 92.8935

 10.3375, 6.4226,
1.8869

187.0676,
162.7760, 120.5959

 5.6873, 3.1037,
0.4844

228.3890,
201.2495, 153.3215

 2.6947, 1.1861,
0.0000

275.3869,

 0.9944, 0.0503,

245.3527, 191.4890

0.0000

328.4268,
295.4699, 235.5168

■ 0.0000, 0.0000,
0.0000

■ 52.8220, 41.3990,
23.9457

■ 52.8220, 41.3990,
23.9457

■ 48.5818, 35.1115,
15.7723

■ 58.0575, 49.0377,
34.4228

■ 45.2693, 30.0898,
9.7255

■ 64.3435, 58.0938,
47.3578

■ 42.8134, 26.2486,
5.6064

■ 71.7351, 68.6366,
62.8942

■ 41.1306, 23.4891,
3.1767

■ 80.2824, 80.7291,
81.1638

■ 40.1624, 21.8002,
2.0911

■ 90.0324, 94.4306,
102.2896

93.2342, 99.0639,
108.8150

Harmonies

Analogous

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



56.3758, 41.3990, 40.4164



52.8220, 41.3990, 23.9457



45.7197, 41.3990, 15.8919

Triad

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



52.8220, 41.3990, 23.9457



27.0511, 41.3990, 29.8635



41.0594, 41.3990, 103.2862

Complementary

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



52.8220, 41.3990, 23.9457



53.7190, 67.7034, 100.6790

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.



33.5986, 41.3990, 97.5684



52.8220, 41.3990, 23.9457



26.1495, 41.3990, 50.0816

Square

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



52.8220, 41.3990, 23.9457



31.0372, 41.3990, 18.4266



28.3863, 41.3990, 75.9822



49.0251, 41.3990, 89.7067

Rectangle

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



52.8220, 41.3990, 23.9457



40.3054, 41.3990, 14.1912



28.3863, 41.3990, 75.9822



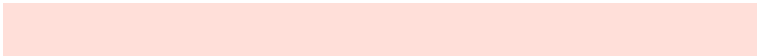
38.4069, 41.3990, 103.6077

Sweetspot

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



52.8230, 41.4011, 23.9465



80.0596, 78.9122, 76.4873



60.9241, 40.2569, 80.1236



16.7338, 16.3212, 15.5120



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.



52.8230, 41.4011, 23.9465



50.7155, 36.5732, 16.3038



64.9627, 65.6804, 27.9930



17.4654, 17.6666, 17.9519



21.3693, 11.6952, 1.1311



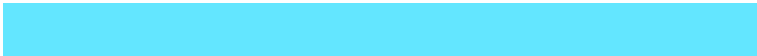
2.0414, 1.2077, 0.1255

Inverse Universe

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



53.7190, 67.7034, 100.6790



51.6801, 66.7684, 104.7715



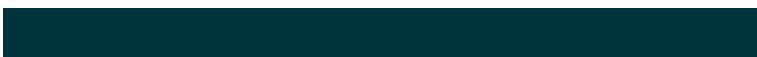
39.3253, 38.9161, 95.8811



17.5193, 19.1154, 22.1516



21.5465, 28.4486, 52.3291



2.0561, 2.7559, 4.8668

Previews

White Background



This preview shows how the XYZ color 52.8220, 41.3990, 23.9457 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 52.8220, 41.3990, 23.9457 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 52.8220, 41.3990, 23.9457

Background



This preview shows how black text looks on a background with the XYZ color 52.8220, 41.3990, 23.9457.



This preview shows how white text looks on a background with the XYZ color 52.8220, 41.3990,

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

52.8220, 41.3990, 23.9457

Protanopia

38.9636, 41.4730, 29.2440

Deuteranopia

42.2385, 41.3640, 23.2106



Tritanopia

54.8023, 41.3306, 33.5230

Trichromacy



Original Color

52.8220, 41.3990, 23.9457

Protanomaly

42.8540, 40.5383, 27.0388

Deuteranomaly

45.5713, 40.9996, 23.2811

Tritanomaly

53.8954, 41.1588, 29.9148

Monochromacy



Original Color

52.8220, 41.3990, 23.9457

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.9241, 40.6247, 36.5894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8220, 41.3990, 23.9457 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(250, 143, 123)` looks like.

```
.text, #text, p{  
    color:rgb(250, 143, 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(250, 143, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 143, 123) }
```

Border

The CSS property to change the border of an element to XYZ 52.8220, 41.3990, 23.9457 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(250, 143, 123) }
```


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

```
.border{ border-color:rgb(250, 143, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 143, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 143, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 143, 123);  
box-shadow:4px 4px 4px 4px rgb(250, 143,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8220, 41.3990, 23.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 143, 123) }
```

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

```
.background{ background-color: rgb(250,  
143, 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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