

Converting Colors

XYZ(52.8564, 40.0931, 24.6916)

Have a look what the booklet for
XYZ(52.8564, 40.0931, 24.6916)
contains.

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Color

**XYZ(52.8564, 40.0931,
24.6916)**

Conversions

Conversions Part 1

Format	Color
Hex	FC897E
RGB	252, 137, 126
RGB Percent	99%, 54%, 49%
CMY	0.0118, 0.4627, 0.5059
CMYK	0.00, 0.46, 0.50, 0.01
HSL	5°, 95%, 74%
HSV	5°, 50%, 99%
XYZ	52.8564, 40.0931, 24.6916
YIQ	170.1310, 72.0710, 20.9590

Conversions

Conversions Part 2

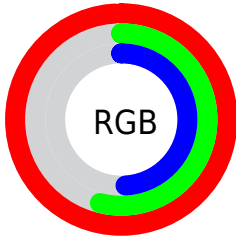
Format	Color
R _Y B	252, 138, 126
Decimal	16550270
CIE Lab	69.54, 42.48, 25.51
CIE LCh	70, 49.555, 30.987
Yxy	40.0931, 0.4493, 0.3408
Android (android.graphics.Color)	4294740350 (0xFFFC897E)
YUV	170.1310, -21.7566, 71.7991
Hunter-Lab	63.3191, 38.1966, 21.2030

Details

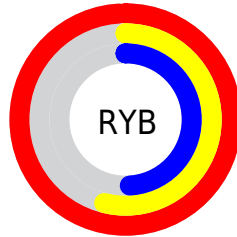
The XYZ color **52.8564, 40.0931, 24.6916** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.6283, 74.3706, 103.4127**, and the grayscale version is **38.3548, 40.3523, 43.9436**.

A 20% lighter version of the original color is **68.2263, 62.2139, 51.0604**, and **25.9957, 17.9528, 9.1163** is the 20% darker color. If you saturate the color by 10%, you get **48.5022, 33.6676, 16.2031**, and if you desaturate by 10%, it is **58.3188, 48.0800, 35.5705**.

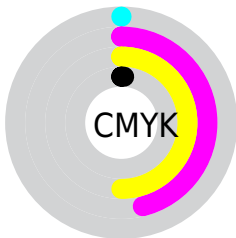
Distribution



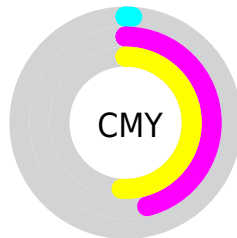
- Red (99%)
- Green (54%)
- Blue (49%)



- Red (99%)
- Yellow (54%)
- Blue (49%)



- Cyan (0%)
- Magenta (46%)
- Yellow (50%)
- Black (1%)





- Cyan (1%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8564, 40.0931, 24.6916 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 52.8564, 40.0931, 24.6916 by changing the saturation by 10% instead.


 52.8564, 40.0931,
24.6916


 52.8564, 40.0931,
24.6916


388.0038,
346.5158, 289.6969

 37.9152, 27.6111,
15.6305

 93.5598, 75.3053,
52.1144

 26.0938, 18.0327,
9.1116


 120.0527, 98.8043,
71.3131

 17.0269, 10.9735,
4.7162

 151.1268,
126.7444, 94.7282

 10.3491, 6.0490,
2.0259

187.1476,
159.5100, 122.7781

 5.6950, 2.8749,
0.5712

228.4803,
197.4856, 155.8814

 2.6994, 1.0668,
0.0000

275.4903,

 0.9969, 0.0000,

241.0555, 194.4566

0.0000

328.5431,
290.6041, 238.9223

■ 0.0000, 0.0000,
0.0000

■ 52.8564, 40.0931,
24.6916

■ 52.8564, 40.0931,
24.6916

■ 48.5022, 33.6676,
16.2031

■ 58.3188, 48.0800,
35.5705

■ 45.1773, 28.6955,
9.9227

■ 64.9554, 57.7148,
48.9992

■ 42.7969, 25.0647,
5.6455

■ 72.8303, 69.0850,
65.1260

■ 41.2612, 22.6442,
3.1272

■ 82.0023, 82.2703,
84.0869

■ 40.4319, 21.2697,
1.9745

■ 92.5262, 97.3450,
106.0091

■ 40.4319, 21.2697,
1.9745

93.9547, 99.4354,
108.8487

Harmonies

Analogous

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



55.6281, 40.0931, 42.9010



52.8564, 40.0931, 24.6916



46.0563, 40.0931, 15.3714

Triad

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



52.8564, 40.0931, 24.6916



26.1873, 40.0931, 25.6004



38.3725, 40.0931, 104.0931

Complementary

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



52.8564, 40.0931, 24.6916



57.6283, 74.3706, 103.4127

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.



31.1300, 40.0931, 94.5553



52.8564, 40.0931, 24.6916



24.7159, 40.0931, 44.4169

Square

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



52.8564, 40.0931, 24.6916



30.7311, 40.0931, 15.7524



26.3939, 40.0931, 70.4566



46.5783, 40.0931, 93.2921

Rectangle

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



52.8564, 40.0931, 24.6916



40.5656, 40.0931, 13.0199



26.3939, 40.0931, 70.4566



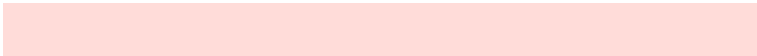
35.7504, 40.0931, 103.1379

Sweetspot

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



52.8574, 40.0952, 24.6923



79.3490, 77.4910, 76.2504



63.5577, 41.9982, 88.3675



16.5652, 15.9840, 15.4558



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.



52.8574, 40.0952, 24.6923



49.8107, 34.5641, 16.6166



64.4494, 63.2792, 28.5563



17.3665, 17.4688, 17.9189



21.1044, 11.1655, 1.0428



1.9948, 1.1145, 0.1100

Inverse Universe

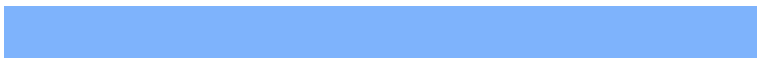
The Inverse Universe completely reimagines the original color for something new.



57.6283, 74.3706, 103.4127



55.1731, 73.3321, 105.8543



42.1951, 43.5043, 98.2683



17.6286, 19.3339, 22.1880



23.9466, 33.2487, 53.1291



2.2548, 3.1533, 4.9330

Previews

White Background



This preview shows how the XYZ color 52.8564, 40.0931, 24.6916 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 52.8564, 40.0931, 24.6916 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 52.8564, 40.0931, 24.6916

Background



This preview shows how black text looks on a background with the XYZ color 52.8564, 40.0931, 24.6916.



This preview shows how white text looks on a background with the XYZ color 52.8564, 40.0931,

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

52.8564, 40.0931, 24.6916

Protanopia

38.0048, 40.3758, 30.9895

Deuteranopia

40.9055, 40.1314, 23.6793



Tritanopia

54.0672, 39.9465, 31.2463

Trichromacy



Original Color

52.8564, 40.0931, 24.6916

Protanomaly

42.1244, 39.3531, 28.6683

Deuteranomaly

44.6460, 39.7569, 24.0596

Tritanomaly

53.6873, 40.0167, 28.5613

Monochromacy



Original Color

52.8564, 40.0931, 24.6916

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.8790, 39.0662, 35.9051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8564, 40.0931, 24.6916 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(252, 137, 126)` looks like.

```
.text, #text, p{  
    color:rgb(252, 137, 126)  
}
```

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(252, 137, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 137, 126) }
```

Border

The CSS property to change the border of an element to XYZ 52.8564, 40.0931, 24.6916 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(252, 137, 126) }
```


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

```
.border{ border-color:rgb(252, 137, 126) }
```

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

Here you see how a box with a 4 pixel rgb(252, 137, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 137, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 137, 126);  
box-shadow:4px 4px 4px 4px rgb(252, 137,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8564, 40.0931, 24.6916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 137, 126) }
```

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

```
.background{ background-color: rgb(252,  
137, 126) }
```

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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