

Converting Colors

XYZ(72.1936, 50.1559, 24.0039)

Have a look what the booklet for
XYZ(72.1936, 50.1559, 24.0039)
contains.

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Color

**XYZ(53.6369, 40.5318,
23.0856)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8979
RGB	255, 137, 121
RGB Percent	100%, 54%, 47%
CMY	0.0000, 0.4627, 0.5255
CMYK	0.00, 0.46, 0.53, 0.00
HSL	7°, 100%, 74%
HSV	7°, 53%, 100%
XYZ	53.6369, 40.5318, 23.0856
YIQ	170.4580, 75.4640, 20.0400

Conversions

Conversions Part 2

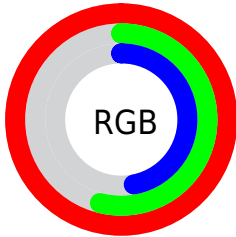
Format	Color
R _Y B	255, 139, 121
Decimal	16746873
CIE Lab	69.85, 43.16, 28.75
CIE LCh	70, 51.858, 33.673
Yxy	40.5318, 0.4574, 0.3457
Android (android.graphics.Color)	4294936953 (0xFFFF8979)
YUV	170.4580, -24.3828, 74.1433
Hunter-Lab	63.6646, 38.9718, 23.0659

Details

The XYZ color **53.6369, 40.5318, 23.0856** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.7999, 73.0142, 105.7070**, and the grayscale version is **38.5299, 40.5365, 44.1442**.

A 20% lighter version of the original color is **67.6325, 61.9764, 47.9332**, and **26.5882, 18.2779, 8.2575** is the 20% darker color. If you saturate the color by 10%, you get **49.4083, 34.2552, 14.9541**, and if you desaturate by 10%, it is **58.9449, 48.3062, 33.6163**.

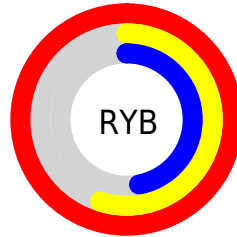
Distribution



Red (100%)

Green (54%)

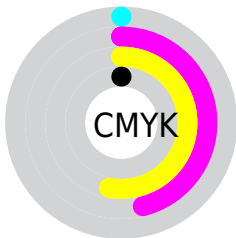
Blue (47%)



Red (100%)

Yellow (55%)

Blue (47%)

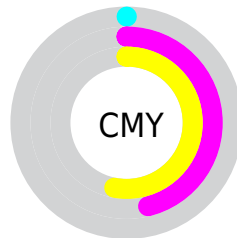


Cyan (0%)

Magenta (46%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6369, 40.5318, 23.0856 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 53.6369, 40.5318, 23.0856 by changing the saturation by 10% instead.


 53.6369, 40.5318,
23.0856

 53.6369, 40.5318,
23.0856


390.9449,
348.3600, 281.3005


 38.5410, 27.9534,
14.4508


 94.7009, 75.9726,
49.4588

 26.5819, 18.2906,
8.2926


 121.3997, 99.6039,
68.0344

 17.3944, 11.1588,
4.1923


 152.6968,
127.6882, 90.7606

 10.6132, 6.1737,
1.7314

188.9577,
160.6100, 118.0560

 5.8727, 2.9510,
0.3821

230.5475,
198.7537, 150.3391

 2.8078, 1.1062,
0.0000

277.8318,

 1.0529, 0.0000,

242.5037, 188.0286

0.0000

331.1758,
292.2443, 231.5429

■ 0.0000, 0.0000,
0.0000

■ 53.6369, 40.5318,
23.0856

■ 53.6369, 40.5318,
23.0856

■ 49.4083, 34.2552,
14.9541

■ 58.9449, 48.3062,
33.6163

■ 46.1812, 29.3737,
9.0302

■ 65.3970, 57.6598,
46.7130

■ 43.8721, 25.7817,
5.0966

■ 73.0563, 68.6757,
62.5301

■ 42.3817, 23.3554,
2.8904

■ 81.9801, 81.4293,
81.2094

■ 41.7159, 22.2120,
2.0887

■ 92.2225, 95.9913,
102.8826

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



57.0540, 40.5318, 41.2268



53.6369, 40.5318, 23.0856



46.1633, 40.5318, 14.2457

Triad

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



53.6369, 40.5318, 23.0856



25.7544, 40.5318, 26.5909



39.5712, 40.5318, 108.4960

Complementary

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



53.6369, 40.5318, 23.0856



56.7999, 73.0142, 105.7070

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.



31.7782, 40.5318, 100.1301



53.6369, 40.5318, 23.0856



24.5158, 40.5318, 47.1711

Square

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



53.6369, 40.5318, 23.0856



30.2235, 40.5318, 15.6903



26.5559, 40.5318, 75.1713



48.2206, 40.5318, 95.0863

Rectangle

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



53.6369, 40.5318, 23.0856



40.3369, 40.5318, 12.2191



26.5559, 40.5318, 75.1713



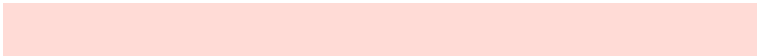
36.7667, 40.5318, 108.1552

Sweetspot

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



53.6379, 40.5339, 23.0863



78.7539, 76.8267, 74.4306



63.7116, 41.1887, 86.5378



16.4605, 15.8782, 15.1017



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.



53.6379, 40.5339, 23.0863



49.2417, 34.0055, 14.6406



66.1971, 65.6522, 27.2727



18.1841, 18.3364, 18.7252



21.8521, 11.7155, 1.1096



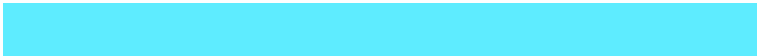
2.1808, 1.2469, 0.1257

Inverse Universe

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



56.7999, 73.0142, 105.7070



52.6429, 69.4999, 105.2480



40.7578, 40.9301, 100.3597



18.3588, 20.0891, 23.1599



23.5090, 31.9276, 54.3582



2.3390, 3.2088, 5.3093

Previews

White Background



This preview shows how the XYZ color 53.6369, 40.5318, 23.0856 looks on a white background.

Color Contrast Check

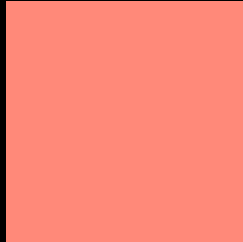
Large Text (above 18pt) WCAG AA × Fail

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 53.6369, 40.5318, 23.0856 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 53.6369, 40.5318, 23.0856

Background



This preview shows how black text looks on a background with the XYZ color 53.6369, 40.5318, 23.0856.



This preview shows how white text looks on a background with the XYZ color 53.6369, 40.5318,

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

53.6369, 40.5318, 23.0856

Protanopia

38.2982, 40.8485, 29.1586

Deuteranopia

41.6047, 40.7910, 22.2036



Tritanopia

54.9380, 40.6016, 31.3269

Trichromacy



Original Color

53.6369, 40.5318, 23.0856

Protanomaly

42.7894, 39.9903, 26.9364

Deuteranomaly

45.2570, 40.1072, 22.4957

Tritanomaly

54.4881, 40.6459, 28.2662

Monochromacy



Original Color

53.6369, 40.5318, 23.0856

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.9818, 39.1382, 35.0475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6369, 40.5318, 23.0856 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, 137, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 121)  
}
```

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, 137, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 121) }
```

Border

The CSS property to change the border of an element to XYZ 53.6369, 40.5318, 23.0856 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, 137, 121) }
```


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

```
.border{ border-color:rgb(255, 137, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6369, 40.5318, 23.0856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 121) }
```

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

```
.background{ background-color: rgb(255,  
137, 121) }
```

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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