

Converting Colors

XYZ(52.3238, 42.2730, 25.1421)

Have a look what the booklet for
XYZ(52.3238, 42.2730, 25.1421)
contains.

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Color

**XYZ(52.3618, 42.2790,
25.1396)**

Conversions

Conversions Part 1

Format	Color
Hex	F6947E
RGB	246, 148, 126
RGB Percent	96%, 58%, 49%
CMY	0.0353, 0.4196, 0.5059
CMYK	0.00, 0.40, 0.49, 0.04
HSL	11°, 87%, 73%
HSV	11°, 49%, 96%
XYZ	52.3618, 42.2790, 25.1396
YIQ	174.7940, 65.4700, 13.9340

Conversions

Conversions Part 2

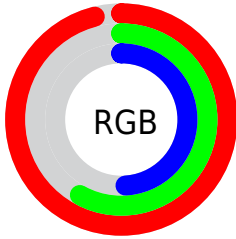
Format	Color
R_{YB}	246, 153, 126
Decimal	16159870
CIE _{Lab}	71.06, 34.61, 27.41
CIE _{LCh}	71, 44.154, 38.377
Yxy	42.2790, 0.4371, 0.3530
Android (android.graphics.Color)	4294349950 (0xFFFF6947E)
YUV	174.7940, -24.0554, 62.4477
Hunter-Lab	65.0223, 29.9552, 22.5923

Details

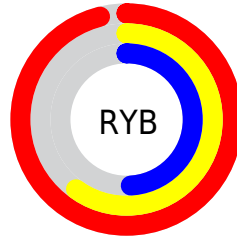
The XYZ color **52.3618, 42.2790, 25.1396** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.8929, 64.3976, 96.8833**, and the grayscale version is **40.7388, 42.8604, 46.6750**.

A 20% lighter version of the original color is **70.7326, 67.2265, 51.8958**, and **25.7721, 19.3407, 9.3960** is the 20% darker color. If you saturate the color by 10%, you get **48.0831, 35.9572, 16.8215**, and if you desaturate by 10%, it is **57.5798, 49.8548, 35.6969**.

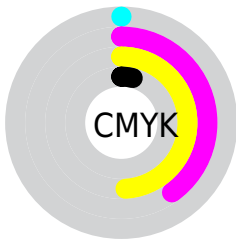
Distribution



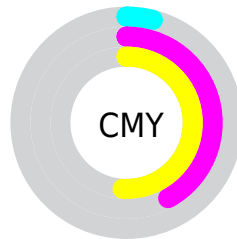
- Red (96%)
- Green (58%)
- Blue (49%)



- Red (96%)
- Yellow (60%)
- Blue (49%)



- Cyan (0%)
- Magenta (40%)
- Yellow (49%)
- Black (4%)





- Cyan (4%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.3618, 42.2790, 25.1396 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 52.3618, 42.2790, 25.1396 by changing the saturation by 10% instead.


 52.3618, 42.2790,
25.1396


 52.3618, 42.2790,
25.1396


386.1328,
355.6382, 292.0023


 37.5190, 29.3198,
15.9611


 92.8357, 78.6217,
52.8505

 25.7851, 19.3229,
9.3426


 119.1974,
102.7740, 72.2201

 16.7948, 11.9038,
4.8655

 150.1295,
131.4262, 95.8237

 10.1827, 6.6782,
2.1112

185.9974,
164.9625, 124.0800

 5.5834, 3.2617,
0.6224

227.1662,
203.7675, 157.4075

 2.6317, 1.2698,
0.0000

274.0015,

 0.9621, 0.1177,

248.2255, 196.2246

0.0000

326.8686,
298.7210, 240.9501

■ 0.0000, 0.0000,
0.0000

■ 52.3618, 42.2790,
25.1396

■ 52.3618, 42.2790,
25.1396

■ 48.0831, 35.9572,
16.8215

■ 57.5798, 49.8548,
35.6969

■ 44.6830, 30.8150,
10.5773

■ 63.7862, 58.7411,
48.6375

■ 42.0987, 26.7795,
6.2228

■ 71.0305, 68.9987,
64.0963

■ 40.2569, 23.7670,
3.5395

■ 79.3580, 80.6825,
82.1973

■ 39.0615, 21.6777,
2.2116

■ 88.8111, 93.8447,
103.0565

■ 38.9485, 21.4781,
2.0929

■ 91.8159, 98.3327,
108.7486

Harmonies

Analogous

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



55.9149, 42.2790, 40.3661



52.3618, 42.2790, 25.1396



45.6416, 42.2790, 17.6556

Triad

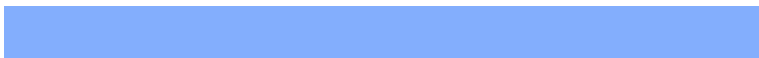
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.3618, 42.2790, 25.1396



28.3884, 42.2790, 32.6293



42.2871, 42.2790, 99.0543

Complementary

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



52.3618, 42.2790, 25.1396



51.8929, 64.3976, 96.8833

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.



35.1814, 42.2790, 95.0671



52.3618, 42.2790, 25.1396



27.7220, 42.2790, 52.2104

Square

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



52.3618, 42.2790, 25.1396



32.0063, 42.2790, 20.9677



30.0594, 42.2790, 76.1411



49.6501, 42.2790, 85.7886

Rectangle

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



52.3618, 42.2790, 25.1396



40.5879, 42.2790, 16.1973



30.0594, 42.2790, 76.1411



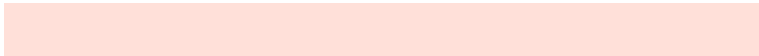
39.7846, 42.2790, 99.7513

Sweetspot

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



52.3629, 42.2811, 25.1404



80.3243, 79.4415, 76.5755



58.9214, 39.8966, 75.1162



16.7967, 16.4471, 15.5330



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.



52.3629, 42.2811, 25.1404



52.0370, 38.8112, 17.9923



64.3278, 66.2109, 29.1287



16.7449, 16.9739, 17.1913



20.8621, 11.6098, 1.1414



1.8998, 1.1529, 0.1224

Inverse Universe

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



51.8929, 64.3976, 96.8833



51.4044, 65.3588, 104.5140



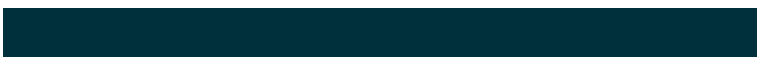
38.5145, 37.6407, 92.4238



16.7232, 18.2107, 21.1762



20.1093, 26.0123, 50.4990



1.8330, 2.4174, 4.4602

Previews

White Background



This preview shows how the XYZ color 52.3618, 42.2790, 25.1396 looks on a white background.

Color Contrast Check

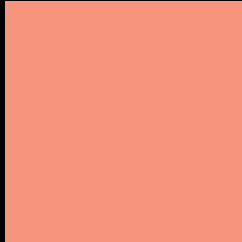
Large Text (above 18pt) WCAG AA × Fail

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 52.3618, 42.2790, 25.1396 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 52.3618, 42.2790, 25.1396

Background



This preview shows how black text looks on a background with the XYZ color 52.3618, 42.2790, 25.1396.



This preview shows how white text looks on a background with the XYZ color 52.3618, 42.2790,

25.1396.

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

52.3618, 42.2790, 25.1396

Protanopia

39.9732, 42.5462, 30.1502

Deuteranopia

43.3440, 42.4525, 24.3220



Tritanopia

54.6011, 42.2695, 36.2914

Trichromacy



Original Color

52.3618, 42.2790, 25.1396

Protanomaly

43.7706, 42.0414, 28.3621

Deuteranomaly

46.2702, 42.1013, 24.4265

Tritanomaly

53.5172, 42.0386, 31.6791

Monochromacy



Original Color

52.3618, 42.2790, 25.1396

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

43.6283, 41.7621, 37.6597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3618, 42.2790, 25.1396 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(246, 148, 126)` looks like.

```
.text, #text, p{  
    color:rgb(246, 148, 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(246, 148, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 148, 126) }
```

Border

The CSS property to change the border of an element to XYZ 52.3618, 42.2790, 25.1396 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(246, 148, 126) }
```


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

```
.border{ border-color:rgb(246, 148, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 148, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 148, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 148, 126);  
box-shadow:4px 4px 4px 4px rgb(246, 148,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3618, 42.2790, 25.1396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 148, 126) }
```

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

```
.background{ background-color: rgb(246,  
148, 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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