

Converting Colors

XYZ(55.1592, 46.3131, 23.7456)

Have a look what the booklet for
XYZ(55.1592, 46.3131, 23.7456)
contains.

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Color

**XYZ(55.0414, 46.1338,
23.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9E78
RGB	250, 158, 120
RGB Percent	98%, 62%, 47%
CMY	0.0196, 0.3804, 0.5294
CMYK	0.00, 0.37, 0.52, 0.02
HSL	18°, 93%, 73%
HSV	18°, 52%, 98%
XYZ	55.0414, 46.1338, 23.7730
YIQ	181.1760, 67.0300, 7.6860

Conversions

Conversions Part 2

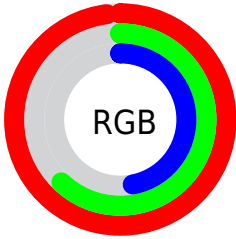
Format	Color
R _Y B	250, 174, 120
Decimal	16424568
CIE Lab	73.63, 30.41, 34.11
CIE LCh	74, 45.699, 48.275
Yxy	46.1338, 0.4405, 0.3692
Android (android.graphics.Color)	4294614648 (0xFFFA9E78)
YUV	181.1760, -30.1598, 60.3586
Hunter-Lab	67.9219, 25.7866, 26.7935

Details

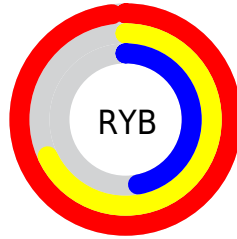
The XYZ color **55.0414, 46.1338, 23.7730** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **48.5432, 57.9794, 99.0749**, and the grayscale version is **44.1500, 46.4493, 50.5832**.

A 20% lighter version of the original color is **72.5771, 71.8656, 49.5814**, and **27.5266, 21.7102, 8.7009** is the 20% darker color. If you saturate the color by 10%, you get **50.9142, 39.9988, 15.8639**, and if you desaturate by 10%, it is **60.0014, 53.3007, 33.9143**.

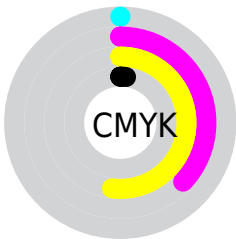
Distribution



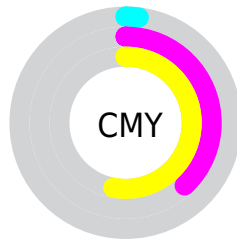
- Red (98%)
- Green (62%)
- Blue (47%)



- Red (98%)
- Yellow (68%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (52%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0414, 46.1338, 23.7730 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 55.0414, 46.1338, 23.7730 by changing the saturation by 10% instead.


 55.0414, 46.1338,
23.7730


 55.0414, 46.1338,
23.7730


396.2027,
371.3463, 284.9203


 39.6688, 32.3514,
14.9547


 96.7496, 84.4192,
50.5987

 27.4635, 21.6301,
8.6413


 123.8159,
109.6910, 69.4431

 18.0600, 13.5853,
4.4144

 155.5109,
139.5614, 92.4667

 11.0930, 7.8328,
1.8553

192.1998,
174.4148, 120.0880

 6.1972, 3.9882,
0.4641

234.2481,
214.6356, 152.7254

 3.0072, 1.6669,
0.0000

282.0212,

 1.1575, 0.4021,

260.6082, 190.7976

0.0000

335.8842,
312.7170, 234.7230

■ 0.0725, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0414, 46.1338,
23.7730

■ 55.0414, 46.1338,
23.7730

■ 50.9142, 39.9988,
15.8639

■ 60.0014, 53.3007,
33.9143

■ 47.5663, 34.8391,
10.0122

■ 65.8362, 61.5385,
46.4391

■ 44.9427, 30.6030,
6.0210

■ 72.5889, 70.8926,
61.4884

■ 42.9784, 27.2302,
3.6526

■ 80.2988, 81.4036,
79.1913

■ 41.8126, 25.1006,
2.6411

■ 89.0025, 93.1099,
99.6683

■ 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.



60.3456, 46.1338, 37.5135



55.0414, 46.1338, 23.7730



47.0873, 46.1338, 18.0133

Triad

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



55.0414, 46.1338, 23.7730



30.3099, 46.1338, 41.7097



48.9114, 46.1338, 105.5407

Complementary

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



55.0414, 46.1338, 23.7730



48.5432, 57.9794, 99.0749

Split Complementary

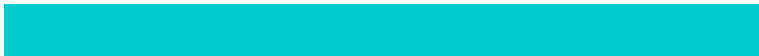
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



40.7623, 46.1338, 107.7175



55.0414, 46.1338, 23.7730



30.6711, 46.1338, 65.5419

Square

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



55.0414, 46.1338, 23.7730



33.2307, 46.1338, 26.0274



34.2867, 46.1338, 91.3718



56.5174, 46.1338, 86.1106

Rectangle

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



55.0414, 46.1338, 23.7730



41.6471, 46.1338, 17.7792



34.2867, 46.1338, 91.3718



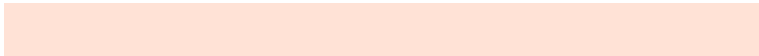
46.1267, 46.1338, 108.4939

Sweetspot

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



55.0425, 46.1361, 23.7739



80.6344, 80.5876, 75.0574



58.1723, 38.5698, 67.4406



16.9036, 16.7644, 15.2494



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.



55.0425, 46.1361, 23.7739



53.2337, 41.8025, 16.5478



68.8915, 73.8341, 28.3902



17.6580, 18.0519, 18.0161



22.2861, 13.5288, 1.4367



2.1514, 1.4276, 0.1622

Inverse Universe

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



48.5432, 57.9794, 99.0749



45.7154, 55.2484, 102.8623



35.6174, 32.1278, 94.7663



17.3121, 18.7011, 22.0825



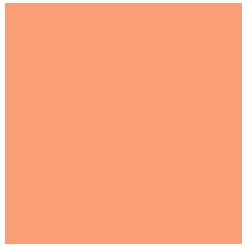
17.6134, 20.5824, 51.0180



1.7228, 2.0893, 4.7557

Previews

White Background



This preview shows how the XYZ color 55.0414, 46.1338, 23.7730 looks on a white background.

Color Contrast Check

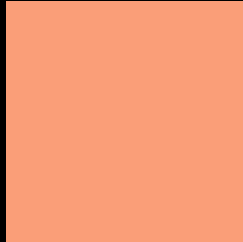
Large Text (above 18pt) WCAG AA × Fail

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 55.0414, 46.1338, 23.7730 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 55.0414, 46.1338, 23.7730

Background



This preview shows how black text looks on a background with the XYZ color 55.0414, 46.1338, 23.7730.



This preview shows how white text looks on a background with the XYZ color 55.0414, 46.1338,

23.7730.

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

55.0414, 46.1338, 23.7730

Protanopia

43.0588, 46.2616, 27.7790

Deuteranopia

47.0679, 46.0769, 23.2426



Tritanopia

58.3471, 45.9835, 40.4508

Trichromacy



Original Color

55.0414, 46.1338, 23.7730

Protanomaly

46.7338, 45.8406, 26.1236

Deuteranomaly

49.9058, 46.1363, 23.4144

Tritanomaly

56.9669, 45.9132, 33.4634

Monochromacy



Original Color

55.0414, 46.1338, 23.7730

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.6552, 45.5122, 39.1266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0414, 46.1338, 23.7730 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, 158, 120)` looks like.

```
.text, #text, p{  
    color:rgb(250, 158, 120)  
}
```

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, 158, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 158, 120) }
```

Border

The CSS property to change the border of an element to XYZ 55.0414, 46.1338, 23.7730 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, 158, 120) }
```


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

```
.border{ border-color:rgb(250, 158, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 158, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 158, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 158, 120); box-shadow:4px 4px 4px 4px rgb(250, 158, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0414, 46.1338, 23.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 158, 120) }
```

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

```
.background{ background-color: rgb(250,  
158, 120) }
```

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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