

Converting Colors

XYZ(54.7413, 47.2425, 25.3023)

Have a look what the booklet for
XYZ(54.7413, 47.2425, 25.3023)
contains.

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Color

**XYZ(54.7413, 47.2425,
25.3023)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A37C
RGB	246, 163, 124
RGB Percent	96%, 64%, 49%
CMY	0.0353, 0.3608, 0.5137
CMYK	0.00, 0.34, 0.50, 0.04
HSL	19°, 87%, 73%
HSV	19°, 50%, 96%
XYZ	54.7413, 47.2425, 25.3023
YIQ	183.3710, 61.9870, 5.4670

Conversions

Conversions Part 2

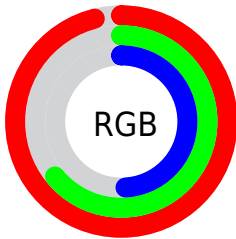
Format	Color
RYB	246, 181, 124
Decimal	16163708
CIELab	74.34, 26.59, 32.81
CIELCh	74, 42.227, 50.980
Yxy	47.2425, 0.4301, 0.3712
Android (android.graphics.Color)	4294353788 (0xFFF6A37C)
YUV	183.3710, -29.2699, 54.9256
Hunter-Lab	68.7332, 21.8800, 26.2872

Details

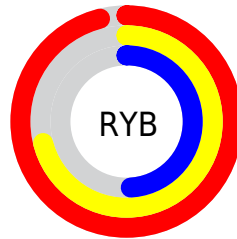
The XYZ color **54.7413, 47.2425, 25.3023** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.2583, 55.5618, 95.4221**, and the grayscale version is **45.3466, 47.7081, 51.9542**.

A 20% lighter version of the original color is **74.2472, 74.5771, 52.0765**, and **27.4140, 22.4281, 9.3627** is the 20% darker color. If you saturate the color by 10%, you get **50.5981, 41.1430, 17.1799**, and if you desaturate by 10%, it is **59.6681, 54.2883, 35.6011**.

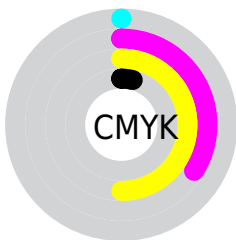
Distribution



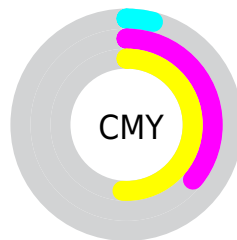
- Red (96%)
- Green (64%)
- Blue (49%)



- Red (96%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (4%)




- Cyan (4%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7413, 47.2425, 25.3023 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 54.7413, 47.2425, 25.3023 by changing the saturation by 10% instead.


 54.7413, 47.2425,
25.3023


 54.7413, 47.2425,
25.3023


395.0829,
375.7817, 292.8358

 39.4277, 33.2274,
16.0814


 96.3123, 86.0755,
53.1174

 27.2748, 22.3007,
9.4268


 123.3005,
111.6622, 72.5487

 17.9174, 14.0780,
4.9200


 154.9108,
141.8748, 96.2204

 10.9900, 8.1750,
2.1425

191.5087,
177.0979, 124.5512

 6.1274, 4.2071,
0.6409

233.4595,
217.7157, 157.9596

 2.9641, 1.7901,
0.0000

281.1285,

 1.1348, 0.4810,

264.1126, 196.8642

0.0000

334.8812,
316.6732, 241.6834

■ 0.0539, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7413, 47.2425,
25.3023

■ 54.7413, 47.2425,
25.3023

■ 50.5981, 41.1430,
17.1799

■ 59.6681, 54.2883,
35.6011

■ 47.1903, 35.9405,
11.0711

■ 65.4158, 62.3129,
48.2172

■ 44.4691, 31.5910,
6.7944

■ 72.0234, 71.3557,
63.2830

■ 42.3769, 28.0436,
4.1336

■ 79.5264, 81.4519,
80.9199

■ 40.8314, 25.2350,
2.7476

■ 87.9578, 92.6348,
101.2411

■ 40.7768, 25.1345,
2.7023

■ 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.



59.9688, 47.2425, 37.8678



54.7413, 47.2425, 25.3023



47.2319, 47.2425, 20.1974

Triad

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



54.7413, 47.2425, 25.3023



31.9660, 47.2425, 45.1550



50.3381, 47.2425, 101.2205

Complementary

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



54.7413, 47.2425, 25.3023



47.2583, 55.5618, 95.4221

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.



42.6511, 47.2425, 104.8044



54.7413, 47.2425, 25.3023



32.5981, 47.2425, 67.9178

Square

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



54.7413, 47.2425, 25.3023



34.4832, 47.2425, 29.3403



36.3196, 47.2425, 91.2664



57.2341, 47.2425, 82.5284

Rectangle

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



54.7413, 47.2425, 25.3023



42.1776, 47.2425, 20.3309



36.3196, 47.2425, 91.2664



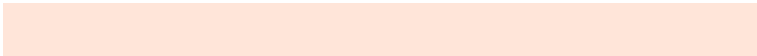
47.7425, 47.2425, 104.4057

Sweetspot

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



54.7425, 47.2448, 25.3032



81.7455, 82.2839, 77.0492



56.5211, 38.5314, 63.7252



17.1356, 17.1248, 15.6459



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.



54.7425, 47.2448, 25.3032



54.6916, 44.3259, 18.2436



68.2012, 74.1624, 29.7895



16.9316, 17.3473, 17.2535



21.8768, 13.6392, 1.4796



2.0116, 1.3765, 0.1597

Inverse Universe

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



47.2583, 55.5618, 95.4221



45.6207, 54.2272, 102.6702



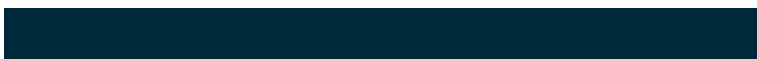
35.2825, 31.6103, 91.4302



16.5239, 17.8121, 21.1097



16.4211, 18.6359, 49.2696



1.5357, 1.8229, 4.3611

Previews

White Background



This preview shows how the XYZ color 54.7413, 47.2425, 25.3023 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 54.7413, 47.2425, 25.3023 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 54.7413, 47.2425, 25.3023

Background



This preview shows how black text looks on a background with the XYZ color 54.7413, 47.2425, 25.3023.



This preview shows how white text looks on a background with the XYZ color 54.7413, 47.2425,

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

54.7413, 47.2425, 25.3023

Protanopia

44.1243, 47.4032, 28.6539

Deuteranopia

48.3580, 47.2807, 24.9897



Tritanopia

58.6427, 47.3025, 43.5756

Trichromacy



Original Color

54.7413, 47.2425, 25.3023

Protanomaly

47.5121, 47.0827, 27.3526

Deuteranomaly

50.4512, 47.2139, 25.1930

Tritanomaly

57.2148, 47.2359, 36.2389

Monochromacy



Original Color

54.7413, 47.2425, 25.3023

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.5005, 46.7811, 40.7085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7413, 47.2425, 25.3023 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, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(246, 163, 124)  
}
```

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, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 163, 124) }
```

Border

The CSS property to change the border of an element to XYZ 54.7413, 47.2425, 25.3023 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, 163, 124) }
```


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

```
.border{ border-color:rgb(246, 163, 124) }
```

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

Here you see how a box with a 4 pixel rgb(246, 163, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(246, 163,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7413, 47.2425, 25.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 163, 124) }
```

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

```
.background{ background-color: rgb(246,  
163, 124) }
```

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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