

Converting Colors

XYZ(53.5721, 44.4145, 25.2324)

Have a look what the booklet for
XYZ(53.5721, 44.4145, 25.2324)
contains.

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Color

**XYZ(53.6150, 44.3660,
25.1397)**

Conversions

Conversions Part 1

Format	Color
Hex	F79A7D
RGB	247, 154, 125
RGB Percent	97%, 60%, 49%
CMY	0.0314, 0.3961, 0.5098
CMYK	0.00, 0.38, 0.49, 0.03
HSL	14°, 88%, 73%
HSV	14°, 49%, 97%
XYZ	53.6150, 44.3660, 25.1397
YIQ	178.5010, 64.7370, 10.6970

Conversions

Conversions Part 2

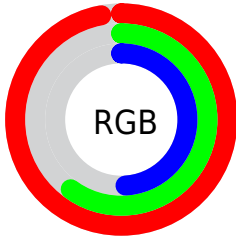
Format	Color
R _Y B	247, 163, 125
Decimal	16226941
CIE Lab	72.47, 31.78, 29.84
CIE LCh	72, 43.597, 43.197
Yxy	44.3660, 0.4355, 0.3603
Android (android.graphics.Color)	4294417021 (0xFFFF79A7D)
YUV	178.5010, -26.3760, 60.0736
Hunter-Lab	66.6078, 27.1174, 24.2477

Details

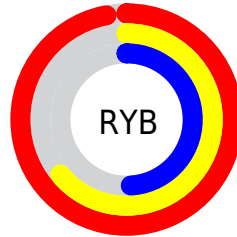
The XYZ color **53.6150, 44.3660, 25.1397** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.3159, 61.2152, 97.1591**, and the grayscale version is **42.6950, 44.9185, 48.9162**.

A 20% lighter version of the original color is **72.0763, 70.0753, 51.8465**, and **26.5494, 20.5893, 9.4123** is the 20% darker color. If you saturate the color by 10%, you get **49.3615, 38.0781, 16.8814**, and if you desaturate by 10%, it is **58.7504, 51.7901, 35.6282**.

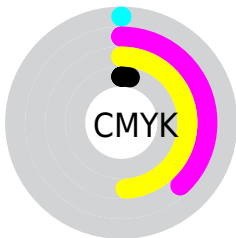
Distribution



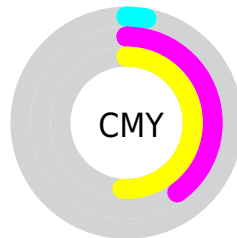
- Red (97%)
- Green (60%)
- Blue (49%)



- Red (97%)
- Yellow (64%)
- Blue (49%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.6150, 44.3660, 25.1397 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 53.6150, 44.3660, 25.1397 by changing the saturation by 10% instead.


 53.6150, 44.3660,
25.1397


 53.6150, 44.3660,
25.1397


390.8625,
364.1997, 292.0029

 38.5234, 30.9583,
15.9612

 94.6689, 81.7682,
52.8507

 26.5682, 20.5671,
9.3426

 121.3620,
106.5315, 72.2203

 17.3841, 12.8080,
4.8655


 152.6529,
135.8489, 95.8240

 10.6057, 7.2964,
2.1112

188.9070,
170.1047, 124.0803

 5.8677, 3.6482,
0.6224

230.4896,
209.6832, 157.4078

 2.8047, 1.4788,
0.0000

277.7662,

 1.0513, 0.2737,

254.9690, 196.2250

0.0000

331.1020,
306.3464, 240.9505

■ 0.0000, 0.0000,
0.0000

■ 53.6150, 44.3660,
25.1397

■ 53.6150, 44.3660,
25.1397

■ 49.3615, 38.0781,
16.8814

■ 58.7504, 51.7901,
35.6282

■ 45.9343, 32.8624,
10.6871

■ 64.8122, 60.3966,
48.4916

■ 43.2763, 28.6589,
6.3714

■ 71.8457, 70.2374,
63.8650

■ 41.3205, 25.3979,
3.7136

■ 79.8922, 81.3591,
81.8728

■ 39.9749, 22.9954,
2.3748

■ 88.9905, 93.8060,
102.6312

■ 39.9075, 22.8738,
2.3117

■ 92.1676, 98.5141,
108.7651

Harmonies

Analogous

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



57.8747, 44.3660, 39.4543



53.6150, 44.3660, 25.1397



46.4891, 44.3660, 18.5150

Triad

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



53.6150, 44.3660, 25.1397



29.7833, 44.3660, 37.2954



45.5574, 44.3660, 100.8953

Complementary

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



53.6150, 44.3660, 25.1397



50.3159, 61.2152, 97.1591

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.



38.1244, 44.3660, 99.7972



53.6150, 44.3660, 25.1397



29.5969, 44.3660, 58.3938

Square

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



53.6150, 44.3660, 25.1397



33.0232, 44.3660, 23.9662



32.4795, 44.3660, 82.5682



52.8634, 44.3660, 85.2307

Rectangle

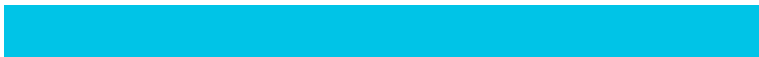
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



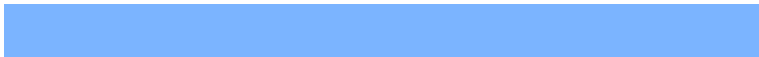
53.6150, 44.3660, 25.1397



41.3671, 44.3660, 17.6304



32.4795, 44.3660, 82.5682



42.9803, 44.3660, 102.5867

Sweetspot

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



53.6161, 44.3682, 25.1405



80.8859, 80.5647, 76.7627



58.4162, 39.5316, 71.2476



16.9304, 16.7145, 15.5775



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.



53.6161, 44.3682, 25.1405



53.1916, 41.1205, 18.3772



66.2242, 69.5845, 29.3432



16.8189, 17.1220, 17.2160



21.1965, 12.2785, 1.2528



1.9392, 1.2317, 0.1355

Inverse Universe

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



50.3159, 61.2152, 97.1591



49.2146, 60.9792, 103.7840



37.3936, 35.3706, 92.8517



16.6433, 18.0509, 21.1495



18.5359, 22.8655, 49.9746



1.7076, 2.1665, 4.4184

Previews

White Background



This preview shows how the XYZ color 53.6150, 44.3660, 25.1397 looks on a white background.

Color Contrast Check

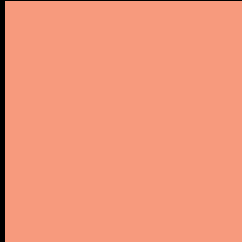
Large Text (above 18pt) WCAG AA × Fail

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 53.6150, 44.3660, 25.1397 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 53.6150, 44.3660, 25.1397

Background



This preview shows how black text looks on a background with the XYZ color 53.6150, 44.3660, 25.1397.



This preview shows how white text looks on a background with the XYZ color 53.6150, 44.3660,

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

53.6150, 44.3660, 25.1397

Protanopia

41.7794, 44.6664, 29.3411

Deuteranopia

45.3281, 44.3007, 24.5742



Tritanopia

56.5170, 44.3570, 38.8407

Trichromacy



Original Color

53.6150, 44.3660, 25.1397

Protanomaly

45.1487, 43.8635, 27.5596

Deuteranomaly

47.9019, 43.9885, 24.7048

Tritanomaly

55.4000, 44.3795, 33.2500

Monochromacy



Original Color

53.6150, 44.3660, 25.1397

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.5346, 44.0900, 38.9112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6150, 44.3660, 25.1397 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(247, 154, 125)` looks like.

```
.text, #text, p{  
    color:rgb(247, 154, 125)  
}
```

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(247, 154, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 154, 125) }
```

Border

The CSS property to change the border of an element to XYZ 53.6150, 44.3660, 25.1397 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(247, 154, 125) }
```


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

```
.border{ border-color:rgb(247, 154, 125) }
```

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

Here you see how a box with a 4 pixel rgb(247, 154, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 154, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 154, 125);  
box-shadow:4px 4px 4px 4px rgb(247, 154,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6150, 44.3660, 25.1397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 154, 125) }
```

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

```
.background{ background-color: rgb(247,  
154, 125) }
```

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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