

Converting Colors

XYZ(53.1124, 40.0670, 21.1111)

Have a look what the booklet for
XYZ(53.1124, 40.0670, 21.1111)
contains.

XYZ(53.1387, 40.1061, 21.1602)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.1387, 40.1061,
21.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8873
RGB	255, 136, 115
RGB Percent	100%, 53%, 45%
CMY	0.0000, 0.4666, 0.5490
CMYK	0.00, 0.47, 0.55, 0.00
HSL	9°, 100%, 73%
HSV	9°, 55%, 100%
XYZ	53.1387, 40.1061, 21.1602
YIQ	169.1870, 77.6650, 18.6970

Conversions

Conversions Part 2

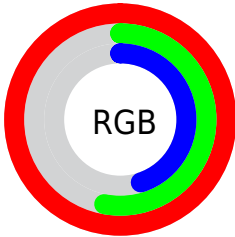
Format	Color
R_{YB}	255, 140, 115
Decimal	16746611
CIE _{Lab}	69.55, 43.17, 31.64
CIE _{LCh}	70, 53.529, 36.240
Yxy	40.1061, 0.4645, 0.3506
Android (android.graphics.Color)	4294936691 (0xFFFF8873)
YUV	169.1870, -26.7142, 75.2580
Hunter-Lab	63.3294, 38.9502, 24.5200

Details

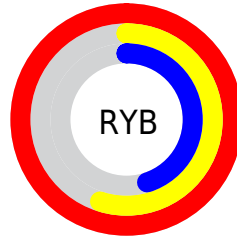
The XYZ color **53.1387, 40.1061, 21.1602** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.5413, 69.7068, 105.1876**, and the grayscale version is **37.9069, 39.8811, 43.4305**.

A 20% lighter version of the original color is **66.8459, 61.3116, 44.8704**, and **26.3545, 18.0611, 7.4073** is the 20% darker color. If you saturate the color by 10%, you get **49.1192, 34.0997, 13.5550**, and if you desaturate by 10%, it is **58.1831, 47.5133, 31.1096**.

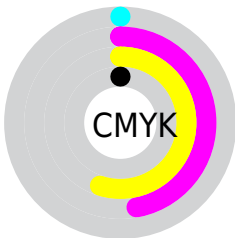
Distribution



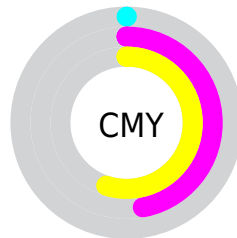
- Red (100%)
- Green (53%)
- Blue (45%)



- Red (100%)
- Yellow (55%)
- Blue (45%)



- Cyan (0%)
- Magenta (47%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1387, 40.1061, 21.1602 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 53.1387, 40.1061, 21.1602 by changing the saturation by 10% instead.

53.1387, 40.1061,
21.1602

53.1387, 40.1061,
21.1602

389.0692,
346.5706, 270.9376

38.1414, 27.6213,
13.0488

93.9728, 75.3251,
46.2382

26.2702, 18.0404,
7.3310

120.5403, 98.8280,
64.0419

17.1596, 10.9790,
3.5884

151.6952,
126.7724, 85.9135

10.4444, 6.0527,
1.4024

187.8030,
159.5427, 112.2714

5.7591, 2.8772,
0.1436

229.2289,
197.5232, 143.5342

2.7384, 1.0679,
0.0000

276.3383,

1.0170, 0.0000,

241.0985, 180.1205

0.0000

329.4966,
290.6528, 222.4488

■ 0.0000, 0.0000,
0.0000

■ 53.1387, 40.1061,
21.1602

■ 53.1387, 40.1061,
21.1602

■ 49.1192, 34.0997,
13.5550

■ 58.1831, 47.5133,
31.1096

■ 46.0499, 29.3992,
8.0982

■ 64.3143, 56.3959,
43.5727

■ 43.8502, 25.9078,
4.5660

■ 71.5925, 66.8304,
58.7061

■ 42.4240, 23.5118,
2.6831

■ 80.0727, 78.8864,
76.6527

■ 41.9414, 22.6630,
2.1638

■ 89.8064, 92.6291,
97.5454

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



57.1192, 40.1061, 38.7018



53.1387, 40.1061, 21.1602



45.2074, 40.1061, 13.0068

Triad

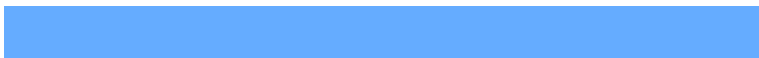
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.1387, 40.1061, 21.1602



24.8545, 40.1061, 27.1769



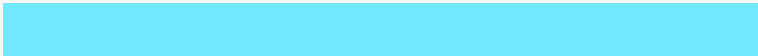
39.9528, 40.1061, 110.0358

Complementary

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



53.1387, 40.1061, 21.1602



54.5413, 69.7068, 105.1876

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.



31.8144, 40.1061, 103.2401



53.1387, 40.1061, 21.1602



23.8834, 40.1061, 49.0434

Square

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



53.1387, 40.1061, 21.1602



29.1234, 40.1061, 15.4506



26.2362, 40.1061, 78.2386



48.8005, 40.1061, 94.3374

Rectangle

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



53.1387, 40.1061, 21.1602



39.2187, 40.1061, 11.3326



26.2362, 40.1061, 78.2386



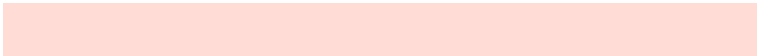
37.0413, 40.1061, 110.3683

Sweetspot

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



53.1397, 40.1082, 21.1609



79.0809, 77.4808, 74.5396



62.2220, 39.4622, 82.1793



16.5374, 16.0319, 15.1273



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.



53.1397, 40.1082, 21.1609



48.7370, 33.5211, 12.8542



66.4058, 66.6405, 25.5830



18.2293, 18.4268, 18.7403



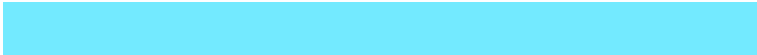
21.9807, 11.9727, 1.1525



2.2020, 1.2893, 0.1328

Inverse Universe

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



54.5413, 69.7068, 105.1876



50.1790, 65.6849, 104.6415



38.3959, 37.4161, 99.8058



18.3090, 19.9896, 23.1433



22.4496, 29.8088, 54.0050



2.2461, 3.0229, 5.2784

Previews

White Background



This preview shows how the XYZ color 53.1387, 40.1061, 21.1602 looks on a white background.

Color Contrast Check

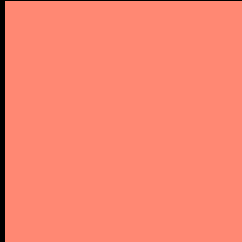
Large Text (above 18pt) WCAG AA × Fail

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 53.1387, 40.1061, 21.1602 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 53.1387, 40.1061, 21.1602

Background



This preview shows how black text looks on a background with the XYZ color 53.1387, 40.1061, 21.1602.



This preview shows how white text looks on a background with the XYZ color 53.1387, 40.1061,

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

53.1387, 40.1061, 21.1602

Protanopia

37.6286, 40.2795, 26.5604

Deuteranopia

41.0885, 40.2993, 20.3648



Tritanopia

54.5100, 39.9881, 30.4367

Trichromacy



Original Color

53.1387, 40.1061, 21.1602

Protanomaly

42.1594, 39.4643, 24.4641

Deuteranomaly

44.7473, 39.6403, 20.6221

Tritanomaly

53.9300, 39.9761, 26.7035

Monochromacy



Original Color

53.1387, 40.1061, 21.1602

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.3012, 38.5632, 33.7004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1387, 40.1061, 21.1602 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, 136, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 115)  
}
```

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, 136, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 115) }
```

Border

The CSS property to change the border of an element to XYZ 53.1387, 40.1061, 21.1602 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, 136, 115) }
```


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

```
.border{ border-color:rgb(255, 136, 115) }
```

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

Here you see how a box with a 4 pixel rgb(255, 136, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1387, 40.1061, 21.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 115) }
```

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

```
.background{ background-color: rgb(255,  
136, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor