

Converting Colors

XYZ(53.8288, 41.4099, 21.6263)

Have a look what the booklet for
XYZ(53.8288, 41.4099, 21.6263)
contains.

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Color

**XYZ(53.7705, 41.2771,
21.6563)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C74
RGB	255, 140, 116
RGB Percent	100%, 55%, 45%
CMY	0.0000, 0.4510, 0.5451
CMYK	0.00, 0.45, 0.55, 0.00
HSL	10°, 100%, 73%
HSV	10°, 55%, 100%
XYZ	53.7705, 41.2771, 21.6563
YIQ	171.6490, 76.2440, 16.9160

Conversions

Conversions Part 2

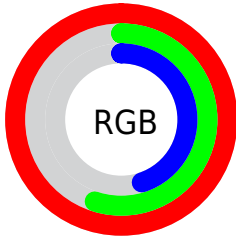
Format	Color
R_{YB}	255, 145, 116
Decimal	16747636
CIE _{Lab}	70.37, 41.25, 32.17
CIE _{LCh}	70, 52.307, 37.951
Yxy	41.2771, 0.4607, 0.3537
Android (android.graphics.Color)	4294937716 (0xFFFF8C74)
YUV	171.6490, -27.4350, 73.0988
Hunter-Lab	64.2473, 36.9594, 24.9878

Details

The XYZ color **53.7705, 41.2771, 21.6563** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **53.8267, 68.0814, 104.9115**, and the grayscale version is **39.1436, 41.1821, 44.8473**.

A 20% lighter version of the original color is **67.8230, 63.1174, 45.6540**, and **26.6694, 18.6910, 7.5123** is the 20% darker color. If you saturate the color by 10%, you get **49.6930, 35.1793, 13.9563**, and if you desaturate by 10%, it is **58.8479, 48.7239, 31.6984**.

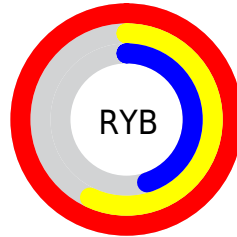
Distribution



Red (100%)

Green (55%)

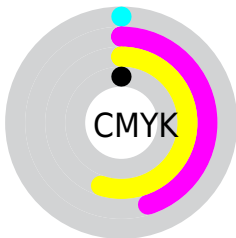
Blue (45%)



Red (100%)

Yellow (57%)

Blue (45%)

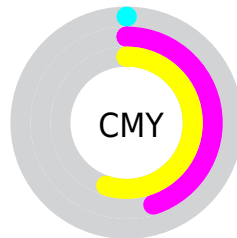


Cyan (0%)

Magenta (45%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7705, 41.2771, 21.6563 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 53.7705, 41.2771, 21.6563 by changing the saturation by 10% instead.


 53.7705, 41.2771,
21.6563


 53.7705, 41.2771,
21.6563


391.4469,
351.4774, 273.6408

 38.6481, 28.5357,
13.4087


 94.8961, 77.1044,
47.0722

 26.6656, 18.7298,
7.5765


 121.6300,
100.9590, 65.0775

 17.4575, 11.4752,
3.7413


 152.9651,
129.2868, 87.1724

 10.6586, 6.3874,
1.4845

189.2669,
162.4722, 113.7756

 5.9033, 3.0821,
0.2064

230.9006,
200.8995, 145.3054

 2.8265, 1.1747,
0.0000

278.2316,

 1.0627, 0.0409,

244.9533, 182.1806

0.0000

331.6252,
295.0178, 224.8195

■ 0.0000, 0.0000,
0.0000

■ 53.7705, 41.2771,
21.6563

■ 53.7705, 41.2771,
21.6563

■ 49.6930, 35.1793,
13.9563

■ 58.8479, 48.7239,
31.6984

■ 46.5445, 30.3425,
8.4048

■ 64.9838, 57.5876,
44.2504

■ 44.2487, 26.6784,
4.7806

■ 72.2357, 67.9394,
59.4673

■ 42.7151, 24.0836,
2.8128

■ 80.6558, 79.8438,
77.4909

■ 42.1421, 23.0643,
2.2307

■ 90.2933, 93.3613,
98.4530

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.



57.9952, 41.2771, 38.7054



53.7705, 41.2771, 21.6563



45.7736, 41.2771, 13.7875

Triad

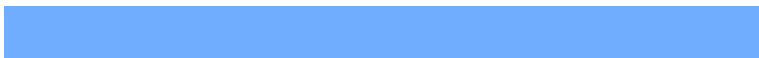
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.7705, 41.2771, 21.6563



25.8146, 41.2771, 29.4063



41.5650, 41.2771, 110.0580

Complementary

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



53.7705, 41.2771, 21.6563



53.8267, 68.0814, 104.9115

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.



33.3465, 41.2771, 104.6825



53.7705, 41.2771, 21.6563



25.0281, 41.2771, 51.8188

Square

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



53.7705, 41.2771, 21.6563



29.9161, 41.2771, 16.9874



27.5842, 41.2771, 80.8149



50.3068, 41.2771, 93.5875

Rectangle

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



53.7705, 41.2771, 21.6563



39.8267, 41.2771, 12.2840



27.5842, 41.2771, 80.8149



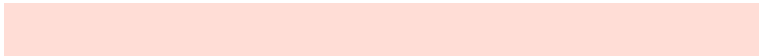
38.6445, 41.2771, 110.8320

Sweetspot

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



53.7715, 41.2792, 21.6571



79.3247, 77.9684, 74.6209



62.0272, 39.5678, 80.5880



16.5947, 16.1466, 15.1464



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.



53.7715, 41.2792, 21.6571



49.5176, 34.9132, 13.6354



67.1112, 67.9586, 26.1036



18.2629, 18.4940, 18.7515



22.0935, 12.1982, 1.1900



2.2179, 1.3212, 0.1381

Inverse Universe

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



53.8267, 68.0814, 104.9115



49.4920, 63.9525, 104.3433



38.2319, 36.8916, 99.7132



18.2722, 19.9161, 23.1311



21.6959, 28.3014, 53.7538



2.1796, 2.8899, 5.2562

Previews

White Background



This preview shows how the XYZ color 53.7705, 41.2771, 21.6563 looks on a white background.

Color Contrast Check

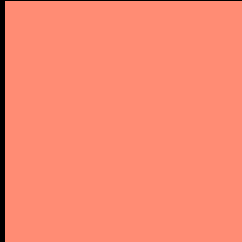
Large Text (above 18pt) WCAG AA × Fail

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 53.7705, 41.2771, 21.6563 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 53.7705, 41.2771, 21.6563

Background



This preview shows how black text looks on a background with the XYZ color 53.7705, 41.2771, 21.6563.



This preview shows how white text looks on a background with the XYZ color 53.7705, 41.2771,

21.6563.

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

53.7705, 41.2771, 21.6563

Protanopia

38.7894, 41.4310, 27.0717

Deuteranopia

42.3368, 41.4679, 20.8116



Tritanopia

55.4521, 41.2579, 32.6447

Trichromacy



Original Color

53.7705, 41.2771, 21.6563

Protanomaly

42.8508, 40.3239, 24.9268

Deuteranomaly

45.9204, 40.9767, 21.1118

Tritanomaly

54.7724, 41.2145, 28.3609

Monochromacy



Original Color

53.7705, 41.2771, 21.6563

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.5954, 39.9652, 35.1748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7705, 41.2771, 21.6563 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, 140, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 116)  
}
```

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, 140, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 116) }
```

Border

The CSS property to change the border of an element to XYZ 53.7705, 41.2771, 21.6563 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, 140, 116) }
```


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

```
.border{ border-color:rgb(255, 140, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 140, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 140, 116); box-shadow:4px 4px 4px 4px rgb(255, 140, 116) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7705, 41.2771, 21.6563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 116) }
```

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

```
.background{ background-color: rgb(255,  
140, 116) }
```

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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