

Converting Colors

XYZ(107.1419, 75.8056,
36.6015)

Have a look what the booklet for
XYZ(107.1419, 75.8056, 36.6015)
contains.

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Color

**XYZ(60.6944, 51.7425,
34.3921)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA993
RGB	255, 169, 147
RGB Percent	100%, 66%, 58%
CMY	0.0000, 0.3372, 0.4235
CMYK	0.00, 0.34, 0.42, 0.00
HSL	12°, 100%, 79%
HSV	12°, 42%, 100%
XYZ	60.6944, 51.7425, 34.3921
YIQ	192.2060, 58.3180, 11.3900

Conversions

Conversions Part 2

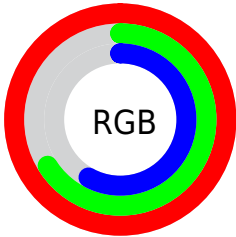
Format	Color
R _Y B	255, 175, 147
Decimal	16755091
CIE Lab	77.13, 29.16, 24.36
CIE LCh	77, 37.993, 39.873
Yxy	51.7425, 0.4134, 0.3524
Android (android.graphics.Color)	4294945171 (0xFFFFA993)
YUV	192.2060, -22.2866, 55.0703
Hunter-Lab	71.9323, 24.7318, 22.0050

Details

The XYZ color **60.6944, 51.7425, 34.3921** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.2201, 71.6978, 105.3254**, and the grayscale version is **50.3268, 52.9477, 57.6600**.

A 20% lighter version of the original color is **78.7078, 79.3275, 66.4217**, and **31.1217, 25.0711, 14.2652** is the 20% darker color. If you saturate the color by 10%, you get **55.4224, 44.0537, 23.8329**, and if you desaturate by 10%, it is **66.9991, 60.7869, 47.4845**.

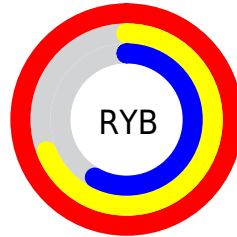
Distribution



Red (100%)

Green (66%)

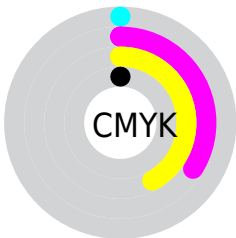
Blue (58%)



Red (100%)

Yellow (69%)

Blue (58%)

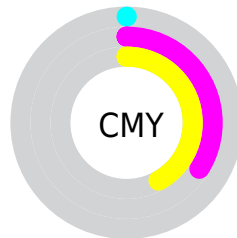


Cyan (0%)

Magenta (34%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6944, 51.7425, 34.3921 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 60.6944, 51.7425, 34.3921 by changing the saturation by 10% instead.


 60.6944, 51.7425,
34.3921

 60.6944, 51.7425,
34.3921


416.9464,
393.4417, 336.6993

 44.2302, 36.7999,
22.9152


 104.9370, 92.7514,
67.6838

 31.0502, 25.0526,
14.3262


 133.4460,
119.5864, 90.3357

 20.7891, 16.1162,
8.2065

166.7007,
151.1543, 117.5496

 13.0815, 9.6064,
4.1377

205.0664,
187.8396, 149.7442

 7.5621, 5.1388,
1.7012

248.9085,
230.0266, 187.3379

 3.8655, 2.3289,
0.3616

298.5923,

 1.6263, 0.7890,

278.0997, 230.7493

0.0000

354.4831,
332.4432, 280.3969

■ 0.4095, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6944, 51.7425,
34.3921

■ 60.6944, 51.7425,
34.3921

■ 55.4224, 44.0537,
23.8329

■ 66.9991, 60.7869,
47.4845

■ 51.1225, 37.6470,
15.6388

■ 74.3848, 71.2406,
63.2572

■ 47.7338, 32.4535,
9.6260

■ 82.9013, 83.1635,
81.8497

■ 45.1861, 28.3945,
5.5819

■ 92.5941, 96.6098,
103.3909

■ 43.3980, 25.3810, 95.0499, 100.0000,
3.2505 108.9000

■ 42.4660, 23.7122,
2.3387

Harmonies

Analogous

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



64.2602, 51.7425, 49.7557



60.6944, 51.7425, 34.3921



54.1431, 51.7425, 26.5126

Triad

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



60.6944, 51.7425, 34.3921



37.1986, 51.7425, 43.6671



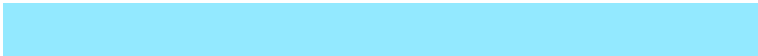
51.6132, 51.7425, 105.6390

Complementary

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



60.6944, 51.7425, 34.3921



59.2201, 71.6978, 105.3254

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.



44.5293, 51.7425, 102.8509



60.6944, 51.7425, 34.3921



36.6649, 51.7425, 63.4784

Square

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



60.6944, 51.7425, 34.3921



40.7594, 51.7425, 30.8817



39.2220, 51.7425, 86.0644



58.6865, 51.7425, 92.9439

Rectangle

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



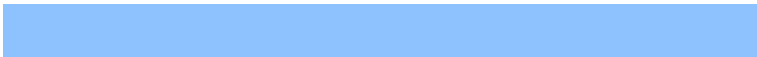
60.6944, 51.7425, 34.3921



49.2106, 51.7425, 25.0624



39.2220, 51.7425, 86.0644



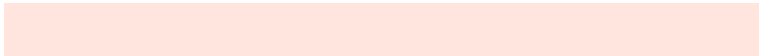
49.1488, 51.7425, 106.5421

Sweetspot

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



60.6957, 51.7450, 34.3931



82.3147, 82.3459, 80.5578



66.4391, 48.0339, 83.1605



17.1986, 17.0391, 16.3199



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.



60.6957, 51.7450, 34.3931



56.0774, 45.0173, 25.1189



72.7875, 75.9286, 38.4237



18.3091, 18.5864, 18.7669



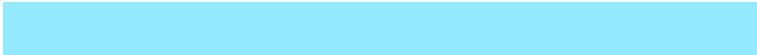
22.2733, 12.5578, 1.2500



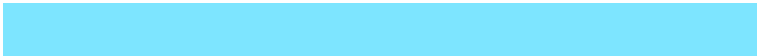
2.2419, 1.3692, 0.1461

Inverse Universe

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



59.2201, 71.6978, 105.3254



54.3817, 67.3393, 104.7393



46.2834, 45.8243, 101.0131



18.2221, 19.8157, 23.1144



20.7055, 26.3206, 53.4237



2.0917, 2.7141, 5.2269

Previews

White Background



This preview shows how the XYZ color 60.6944, 51.7425, 34.3921 looks on a white background.

Color Contrast Check

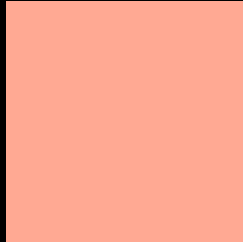
Large Text (above 18pt) WCAG AA × Fail

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 60.6944, 51.7425, 34.3921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

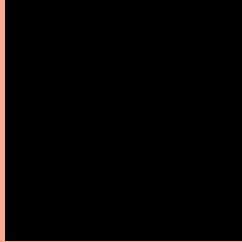
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.6944, 51.7425, 34.3921

Background



This preview shows how black text looks on a background with the XYZ color 60.6944, 51.7425, 34.3921.



This preview shows how white text looks on a background with the XYZ color 60.6944, 51.7425,

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

60.6944, 51.7425, 34.3921

Protanopia

48.8564, 51.8178, 39.3251

Deuteranopia

53.0189, 51.8881, 33.6066



Tritanopia

62.9121, 51.7468, 48.7918

Trichromacy



Original Color

60.6944, 51.7425, 34.3921

Protanomaly

52.2965, 51.1280, 37.2494

Deuteranomaly

55.6233, 51.7180, 33.8390

Tritanomaly

62.0338, 51.6875, 43.2664

Monochromacy



Original Color

60.6944, 51.7425, 34.3921

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

53.0013, 51.8626, 48.2913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6944, 51.7425, 34.3921 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, 169, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 147)  
}
```

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, 169, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 147) }
```

Border

The CSS property to change the border of an element to XYZ 60.6944, 51.7425, 34.3921 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, 169, 147) }
```


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

```
.border{ border-color:rgb(255, 169, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6944, 51.7425, 34.3921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 147) }
```

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

```
.background{ background-color: rgb(255,  
169, 147) }
```

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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