

Converting Colors

XYZ(88.7363, 66.0071, 41.2564)

Have a look what the booklet for
XYZ(88.7363, 66.0071, 41.2564)
contains.

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Color

**XYZ(61.7731, 52.1740,
40.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA9A0
RGB	255, 169, 160
RGB Percent	100%, 66%, 63%
CMY	0.0000, 0.3372, 0.3725
CMYK	0.00, 0.34, 0.37, 0.00
HSL	6°, 100%, 81%
HSV	6°, 37%, 100%
XYZ	61.7731, 52.1740, 40.0725
YIQ	193.6880, 54.1450, 15.4330

Conversions

Conversions Part 2

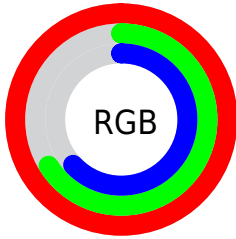
Format	Color
R_{YB}	255, 170, 160
Decimal	16755104
CIE _{Lab}	77.38, 30.58, 17.68
CIE _{LCh}	77, 35.325, 30.036
Yxy	52.1740, 0.4011, 0.3387
Android (android.graphics.Color)	4294945184 (0xFFFFA9A0)
YUV	193.6880, -16.6082, 53.7706
Hunter-Lab	72.2316, 26.2496, 17.6693

Details

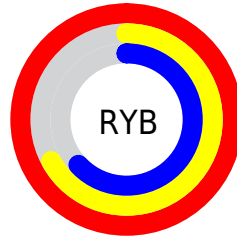
The XYZ color **61.7731, 52.1740, 40.0725** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.5015, 80.6019, 106.7131**, and the grayscale version is **51.1676, 53.8323, 58.6234**.

A 20% lighter version of the original color is **80.4310, 80.0167, 75.4956**, and **31.7707, 25.3307, 17.6828** is the 20% darker color. If you saturate the color by 10%, you get **55.8453, 43.5296, 28.1967**, and if you desaturate by 10%, it is **68.9192, 62.5225, 54.6125**.

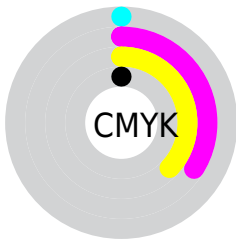
Distribution



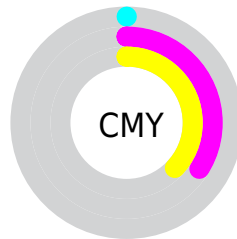
- Red (100%)
- Green (66%)
- Blue (63%)



- Red (100%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7731, 52.1740, 40.0725 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 61.7731, 52.1740, 40.0725 by changing the saturation by 10% instead.


 61.7731, 52.1740,
40.0725


 61.7731, 52.1740,
40.0725


420.8337,
395.1080, 361.9902

 45.1043, 37.1438,
27.2809


 106.4893, 93.3878,
76.5122

 31.7412, 25.3188,
17.5500


 135.2674,
120.3402, 100.9973

 21.3185, 16.3148,
10.4613


168.8127,
152.0354, 130.2174

 13.4708, 9.7472,
5.5963

207.4905,
188.8579, 164.5909

 7.8328, 5.2316,
2.5364

251.6661,
231.1920, 204.5364

 4.0390, 2.3838,
0.8594

301.7050,

 1.7242, 0.8175,

279.4221, 250.4724

0.0000

357.9724,
333.9326, 302.8175

■ 0.4714, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7731, 52.1740,
40.0725

■ 61.7731, 52.1740,
40.0725

■ 55.8453, 43.5296,
28.1967

■ 68.9192, 62.5225,
54.6125

■ 51.0636, 36.4907,
18.8204

■ 77.3423, 74.6518,
71.9617

■ 47.3548, 30.9604,
11.7656

■ 87.1020, 88.6429,
92.2583

■ 44.6350, 26.8280,
6.8290

95.0500, 100.0000,
108.9000

■ 42.8078, 23.9676,
3.7725

■ 41.7556, 22.2299,
2.2911

■ 41.5702, 21.9204,
2.0401

Harmonies

Analogous

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



63.8253, 52.1740, 56.7850



61.7731, 52.1740, 40.0725



56.4007, 52.1740, 30.1818

Triad

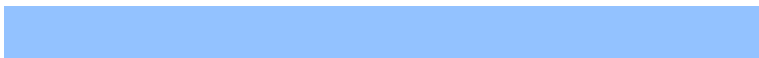
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.7731, 52.1740, 40.0725



39.1170, 52.1740, 40.1049



49.5981, 52.1740, 103.0041

Complementary

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



61.7731, 52.1740, 40.0725



65.5015, 80.6019, 106.7131

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.



43.3506, 52.1740, 95.7501



61.7731, 52.1740, 40.0725



37.6460, 52.1740, 56.8322

Square

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



61.7731, 52.1740, 40.0725



43.3375, 52.1740, 30.1973



39.1240, 52.1740, 77.6556



56.4163, 52.1740, 95.7166

Rectangle

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



61.7731, 52.1740, 40.0725



51.8833, 52.1740, 27.3658



39.1240, 52.1740, 77.6556



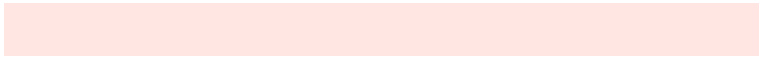
47.3649, 52.1740, 102.1678

Sweetspot

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



61.7745, 52.1765, 40.0735



83.2864, 83.1795, 84.3025



70.6124, 53.1226, 94.5951



17.5412, 17.3947, 17.4503



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.



61.7745, 52.1765, 40.0735



57.0793, 45.3352, 30.6499



71.9920, 72.6117, 43.4794



18.1478, 18.2638, 18.7131



21.7672, 11.5456, 1.0813



2.1637, 1.2128, 0.1201

Inverse Universe

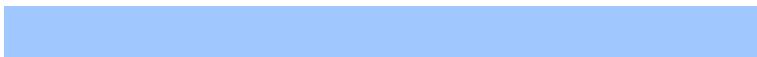
The Inverse Universe completely reimagines the original color for something new.



65.5015, 80.6019, 106.7131



61.2949, 77.5921, 106.3539



53.1055, 55.8098, 102.5811



18.3990, 20.1696, 23.1733



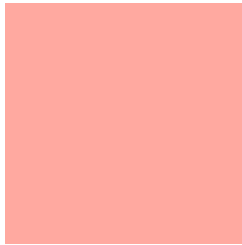
24.3982, 33.7059, 54.6546



2.4166, 3.3640, 5.3352

Previews

White Background



This preview shows how the XYZ color 61.7731, 52.1740, 40.0725 looks on a white background.

Color Contrast Check

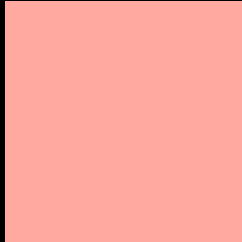
Large Text (above 18pt) WCAG AA × Fail

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 61.7731, 52.1740, 40.0725 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 61.7731, 52.1740, 40.0725

Background



This preview shows how black text looks on a background with the XYZ color 61.7731, 52.1740, 40.0725.



This preview shows how white text looks on a background with the XYZ color 61.7731, 52.1740,

40.0725.

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

61.7731, 52.1740, 40.0725

Protanopia

49.8009, 52.4812, 46.0332

Deuteranopia

53.3505, 52.2449, 39.1707



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

61.7731, 52.1740, 40.0725

Protanomaly

53.4237, 51.8726, 43.7559

Deuteranomaly

56.2233, 52.2012, 39.4603

Tritanomaly

62.6890, 52.2438, 45.8097

Monochromacy



Original Color

61.7731, 52.1740, 40.0725

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.1114, 52.6743, 51.5711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7731, 52.1740, 40.0725 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 160) }
```

Border

The CSS property to change the border of an element to XYZ 61.7731, 52.1740, 40.0725 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, 160) }
```


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

```
.border{ border-color:rgb(255, 169, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7731, 52.1740, 40.0725 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, 160) }
```

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

```
.background{ background-color: rgb(255,  
169, 160) }
```

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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