

Converting Colors

XYZ(77.1191, 60.2036, 40.3689)

Have a look what the booklet for
XYZ(77.1191, 60.2036, 40.3689)
contains.

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Color

**XYZ(61.6860, 52.1391,
39.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA99F
RGB	255, 169, 159
RGB Percent	100%, 66%, 62%
CMY	0.0000, 0.3372, 0.3765
CMYK	0.00, 0.34, 0.38, 0.00
HSL	6°, 100%, 81%
HSV	6°, 38%, 100%
XYZ	61.6860, 52.1391, 39.6135
YIQ	193.5740, 54.4660, 15.1220

Conversions

Conversions Part 2

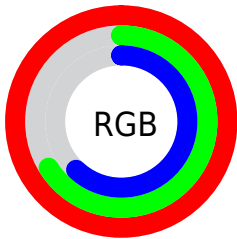
Format	Color
R _Y B	255, 170, 159
Decimal	16755103
CIE Lab	77.36, 30.47, 18.20
CIE LCh	77, 35.487, 30.846
Yxy	52.1391, 0.4020, 0.3398
Android (android.graphics.Color)	4294945183 (0xFFFFA99F)
YUV	193.5740, -17.0450, 53.8706
Hunter-Lab	72.2074, 26.1276, 18.0183

Details

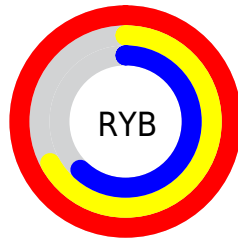
The XYZ color **61.6860, 52.1391, 39.6135** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.9991, 79.8927, 106.6028**, and the grayscale version is **51.1026, 53.7639, 58.5489**.

A 20% lighter version of the original color is **80.3028, 79.9655, 74.8208**, and **31.7171, 25.3093, 17.4009** is the 20% darker color. If you saturate the color by 10%, you get **55.8126, 43.5758, 27.8416**, and if you desaturate by 10%, it is **68.7608, 62.3747, 54.0388**.

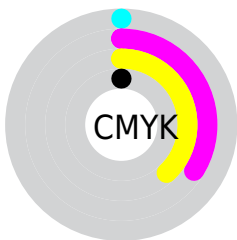
Distribution



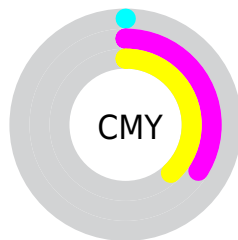
- Red (100%)
- Green (66%)
- Blue (62%)



- Red (100%)
- Yellow (67%)
- Blue (62%)



- Cyan (0%)
- Magenta (34%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6860, 52.1391, 39.6135 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 61.6860, 52.1391, 39.6135 by changing the saturation by 10% instead.


 61.6860, 52.1391,
39.6135


 61.6860, 52.1391,
39.6135


420.5206,
394.9734, 359.9954

 45.0337, 37.1160,
26.9258

 106.3641, 93.3364,
75.8052

 31.6853, 25.2973,
17.2856


 135.1205,
120.2793, 100.1464

 21.2756, 16.2987,
10.2742


168.6424,
151.9642, 129.2091

 13.4393, 9.7358,
5.4732

207.2951,
188.7756, 163.4120

 7.8108, 5.2241,
2.4639

251.4439,
231.0978, 203.1735

 4.0249, 2.3793,
0.8209

301.4542,

 1.7162, 0.8152,

279.3152, 248.9122

0.0000

357.6913,
333.8123, 301.0466

0.4664, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

61.6860, 52.1391,
39.6135

61.6860, 52.1391,
39.6135

55.8126, 43.5758,
27.8416

68.7608, 62.3747,
54.0388

51.0698, 36.5887,
18.5583

77.0949, 74.3569,
71.2626

47.3854, 31.0835,
11.5852

86.7468, 88.1649,
91.4230

44.6772, 26.9528,
6.7187

95.0500, 100.0000,
108.9000

■ 42.8505, 24.0745,
3.7196

■ 41.7881, 22.3036,
2.2749

■ 41.6223, 22.0246,
2.0574

Harmonies

Analogous

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



63.8551, 52.1391, 56.2181



61.6860, 52.1391, 39.6135



56.2217, 52.1391, 29.8887

Triad

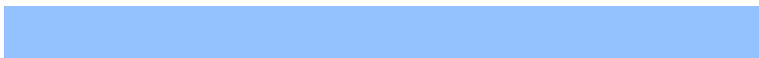
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6860, 52.1391, 39.6135



38.9665, 52.1391, 40.3736



49.7504, 52.1391, 103.1965

Complementary

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



61.6860, 52.1391, 39.6135



64.9991, 79.8927, 106.6028

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.



43.4404, 52.1391, 96.2784



61.6860, 52.1391, 39.6135



37.5698, 52.1391, 57.3267

Square

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



61.6860, 52.1391, 39.6135



43.1340, 52.1391, 30.2515



39.1316, 52.1391, 78.2798



56.5871, 52.1391, 95.4923

Rectangle

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



61.6860, 52.1391, 39.6135



51.6717, 52.1391, 27.1850



39.1316, 52.1391, 78.2798



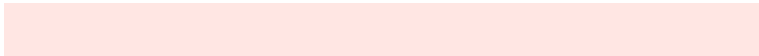
47.5001, 52.1391, 102.4920

Sweetspot

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



61.6873, 52.1416, 39.6145



83.3598, 83.3265, 84.3270



70.1810, 52.6737, 93.1749



17.5586, 17.4294, 17.4561



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.



61.6873, 52.1416, 39.6145



57.2544, 45.6854, 30.7082



72.2081, 73.1832, 43.1215



18.1617, 18.2915, 18.7177



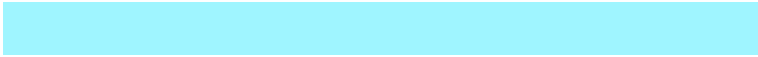
21.7978, 11.6067, 1.0915



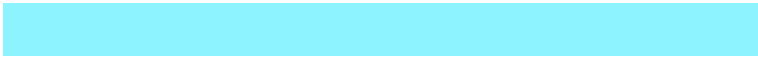
2.1702, 1.2259, 0.1222

Inverse Universe

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



64.9991, 79.8927, 106.6028



60.9701, 76.9426, 106.2457



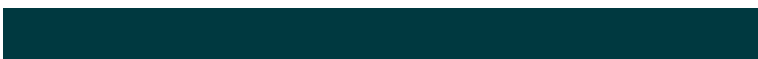
52.4057, 54.7058, 102.4049



18.3836, 20.1388, 23.1682



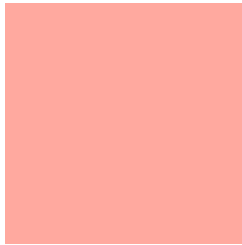
24.0544, 33.0185, 54.5400



2.3867, 3.3041, 5.3252

Previews

White Background



This preview shows how the XYZ color 61.6860, 52.1391, 39.6135 looks on a white background.

Color Contrast Check

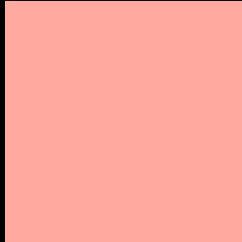
Large Text (above 18pt) WCAG AA × Fail

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 61.6860, 52.1391, 39.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

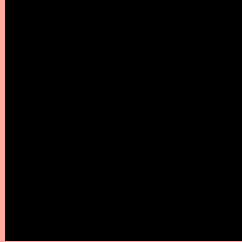
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6860, 52.1391, 39.6135

Background



This preview shows how black text looks on a background with the XYZ color 61.6860, 52.1391, 39.6135.



This preview shows how white text looks on a background with the XYZ color 61.6860, 52.1391,

39.6135.

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

61.6860, 52.1391, 39.6135

Protanopia

49.7059, 52.4432, 45.5330

Deuteranopia

53.2654, 52.2109, 38.7228



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

61.6860, 52.1391, 39.6135

Protanomaly

53.3316, 51.8358, 43.2708

Deuteranomaly

56.1376, 52.1669, 39.0087

Tritanomaly

62.6890, 52.2438, 45.8097

Monochromacy



Original Color

61.6860, 52.1391, 39.6135

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

54.0084, 52.6330, 51.0287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6860, 52.1391, 39.6135 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 159) }
```

Border

The CSS property to change the border of an element to XYZ 61.6860, 52.1391, 39.6135 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, 159) }
```


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

```
.border{ border-color:rgb(255, 169, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6860, 52.1391, 39.6135 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
169, 159) }
```

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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