

Converting Colors

XYZ(64.0053, 52.6535, 37.8626)

Have a look what the booklet for
XYZ(64.0053, 52.6535, 37.8626)
contains.

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Color

**XYZ(60.7926, 50.8990,
37.6307)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA69B
RGB	255, 166, 155
RGB Percent	100%, 65%, 61%
CMY	0.0000, 0.3490, 0.3922
CMYK	0.00, 0.35, 0.39, 0.00
HSL	7°, 100%, 80%
HSV	7°, 39%, 100%
XYZ	60.7926, 50.8990, 37.6307
YIQ	191.3570, 56.5750, 15.4470

Conversions

Conversions Part 2

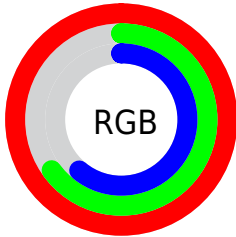
Format	Color
R_{YB}	255, 167, 155
Decimal	16754331
CIE _{Lab}	76.62, 31.58, 19.33
CIE _{LCh}	77, 37.031, 31.470
Yxy	50.8990, 0.4071, 0.3409
Android (android.graphics.Color)	4294944411 (0xFFFFA69B)
YUV	191.3570, -17.9240, 55.8149
Hunter-Lab	71.3435, 27.2506, 18.6675

Details

The XYZ color **60.7926, 50.8990, 37.6307** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9168, 78.8866, 106.4655**, and the grayscale version is **49.8075, 52.4014, 57.0651**.

A 20% lighter version of the original color is **78.8699, 78.1060, 71.2407**, and **31.1688, 24.5455, 16.1917** is the 20% darker color. If you saturate the color by 10%, you get **55.1054, 42.5974, 26.2618**, and if you desaturate by 10%, it is **67.6625, 60.8421, 51.6257**.

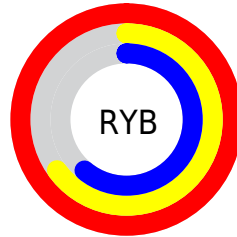
Distribution



Red (100%)

Green (65%)

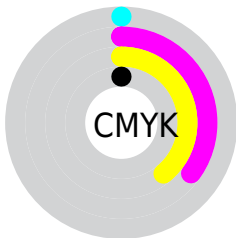
Blue (61%)



Red (100%)

Yellow (65%)

Blue (61%)

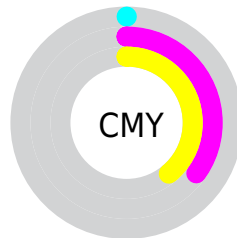


Cyan (0%)

Magenta (35%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7926, 50.8990, 37.6307 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 60.7926, 50.8990, 37.6307 by changing the saturation by 10% instead.


 60.7926, 50.8990,
37.6307


 60.7926, 50.8990,
37.6307


417.3012,
390.1713, 351.2837

 44.3097, 36.1282,
25.3966


 105.0784, 91.5055,
72.7389

 31.1130, 24.5333,
16.1511


 133.6120,
118.1099, 96.4500

 20.8372, 15.7297,
9.4756


166.8933,
149.4278, 124.8239

 13.1168, 9.3331,
4.9517

205.2875,
185.8434, 158.2791

 7.5866, 4.9591,
2.1607

249.1600,
227.7411, 197.2341

 3.8811, 2.2233,
0.6515

298.8763,

 1.6351, 0.7326,

275.5054, 242.1076

0.0000

354.8015,
329.5207, 293.3179

■ 0.4151, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7926, 50.8990,
37.6307

■ 60.7926, 50.8990,
37.6307

■ 55.1054, 42.5974,
26.2618

■ 67.6625, 60.8421,
51.6257

■ 50.5300, 35.8420,
17.3520

■ 75.7729, 72.5008,
68.3937

■ 46.9939, 30.5388,
10.7200

■ 85.1824, 85.9533,
88.0741

■ 44.4145, 26.5808,
6.1580

95.0500, 100.0000,
108.9000

■ 42.6958, 23.8458,
3.4200

■ 41.7113, 22.1851,
2.1412

■ 41.6567, 22.0935,
2.0689

Harmonies

Analogous

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



63.1225, 50.8990, 54.4369



60.7926, 50.8990, 37.6307



55.0969, 50.8990, 27.9794

Triad

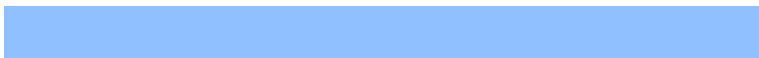
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.7926, 50.8990, 37.6307



37.4880, 50.8990, 38.9700



48.7242, 50.8990, 103.5885

Complementary

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



60.7926, 50.8990, 37.6307



63.9168, 78.8866, 106.4655

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.



42.2288, 50.8990, 96.6640



60.7926, 50.8990, 37.6307



36.1293, 50.8990, 56.4155

Square

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



60.7926, 50.8990, 37.6307



41.6847, 50.8990, 28.6113



37.7802, 50.8990, 78.0836



55.7520, 50.8990, 95.2376

Rectangle

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



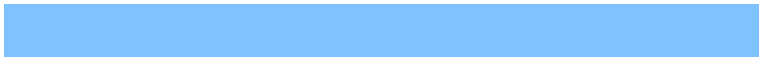
60.7926, 50.8990, 37.6307



50.4023, 50.8990, 25.3672



37.7802, 50.8990, 78.0836



46.4085, 50.8990, 102.9619

Sweetspot

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



60.7939, 50.9015, 37.6317



82.4284, 82.0226, 82.2933



69.4429, 51.2957, 92.6272



17.3742, 17.1721, 17.0510



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.



60.7939, 50.9015, 37.6317



56.2671, 44.3002, 28.5623



71.4570, 72.2277, 41.1861



18.1703, 18.3087, 18.7206



21.8178, 11.6469, 1.0982



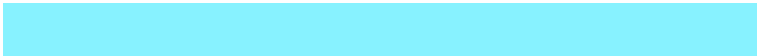
2.1743, 1.2339, 0.1236

Inverse Universe

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



63.9168, 78.8866, 106.4655



59.7613, 75.7744, 106.0839



51.0831, 53.2192, 102.1876



18.3741, 20.1198, 23.1650



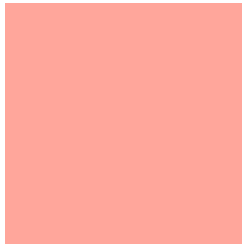
23.8441, 32.5977, 54.4699



2.3683, 3.2673, 5.3191

Previews

White Background



This preview shows how the XYZ color 60.7926, 50.8990, 37.6307 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 60.7926, 50.8990, 37.6307 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 60.7926, 50.8990, 37.6307

Background



This preview shows how black text looks on a background with the XYZ color 60.7926, 50.8990, 37.6307.



This preview shows how white text looks on a background with the XYZ color 60.7926, 50.8990,

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

60.7926, 50.8990, 37.6307

Protanopia

48.3692, 51.1541, 43.4008

Deuteranopia

52.2142, 51.0950, 36.8161



Tritanopia

62.3519, 50.9455, 47.6215

Trichromacy



Original Color

60.7926, 50.8990, 37.6307

Protanomaly

52.2589, 50.7165, 41.2173

Deuteranomaly

54.8794, 50.6742, 37.0256

Tritanomaly

61.7630, 50.9974, 43.6340

Monochromacy



Original Color

60.7926, 50.8990, 37.6307

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.4954, 50.9664, 49.1902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7926, 50.8990, 37.6307 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, 166, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 155)  
}
```

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, 166, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 155) }
```

Border

The CSS property to change the border of an element to XYZ 60.7926, 50.8990, 37.6307 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, 166, 155) }
```


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

```
.border{ border-color:rgb(255, 166, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7926, 50.8990, 37.6307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 155) }
```

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

```
.background{ background-color: rgb(255,  
166, 155) }
```

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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