

Converting Colors

XYZ(61.9951, 55.0187, 32.7483)

Have a look what the booklet for
XYZ(61.9951, 55.0187, 32.7483)
contains.

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Color

**XYZ(62.0429, 55.0538,
32.9476)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB28E
RGB	255, 178, 142
RGB Percent	100%, 70%, 56%
CMY	0.0000, 0.3019, 0.4431
CMYK	0.00, 0.30, 0.44, 0.00
HSL	19°, 100%, 78%
HSV	19°, 44%, 100%
XYZ	62.0429, 55.0538, 32.9476
YIQ	196.9190, 57.4480, 5.1280

Conversions

Conversions Part 2

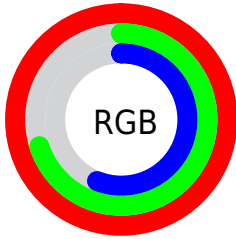
Format	Color
R _Y B	255, 195, 142
Decimal	16757390
CIE Lab	79.07, 23.94, 29.65
CIE LCh	79, 38.104, 51.081
Yxy	55.0538, 0.4135, 0.3669
Android (android.graphics.Color)	4294947470 (0xFFFFB28E)
YUV	196.9190, -27.0751, 50.9370
Hunter-Lab	74.1982, 19.4107, 25.6112

Details

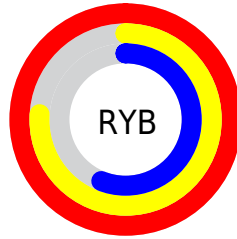
The XYZ color **62.0429, 55.0538, 32.9476** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.5357, 63.6311, 104.0153**, and the grayscale version is **53.1573, 55.9256, 60.9030**.

A 20% lighter version of the original color is **80.6266, 84.0912, 64.2063**, and **31.9869, 27.1583, 13.4537** is the 20% darker color. If you saturate the color by 10%, you get **57.1022, 47.8939, 22.9112**, and if you desaturate by 10%, it is **67.8622, 63.2700, 45.4384**.

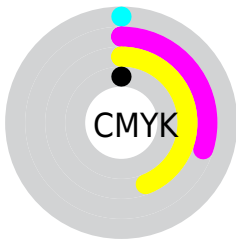
Distribution



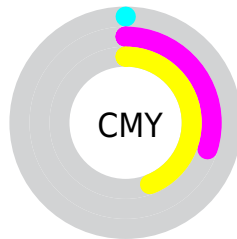
- Red (100%)
- Green (70%)
- Blue (56%)



- Red (100%)
- Yellow (76%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0429, 55.0538, 32.9476 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 62.0429, 55.0538, 32.9476 by changing the saturation by 10% instead.


 62.0429, 55.0538,
32.9476

 62.0429, 55.0538,
32.9476


421.8026,
406.1158, 330.0383

 45.3231, 39.4448,
21.8155


 106.8771, 97.6198,
65.4088

 31.9144, 27.1059,
13.5244


 135.7222,
125.3455, 87.5750

 21.4513, 17.6528,
7.6557


169.3399,
157.8790, 114.2562

 13.5686, 10.7010,
3.7908

208.0953,
195.6046, 145.8712

 7.9010, 5.8662,
1.5113

252.3540,
238.9067, 182.8383

 4.0829, 2.7639,
0.2263

302.4811,

 1.7491, 1.0097,

288.1696, 225.5762

0.0000

358.8423,
343.7779, 274.5034

■ 0.4867, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0429, 55.0538,
32.9476

■ 62.0429, 55.0538,
32.9476

■ 57.1022, 47.8939,
22.9112

■ 67.8622, 63.2700,
45.4384

■ 52.9894, 41.7375,
15.1612

■ 74.5988, 72.5763,
60.5298

■ 49.6545, 36.5391,
9.5132

■ 82.2939, 83.0149,
78.3604

■ 47.0392, 32.2457,
5.7524

■ 90.9850, 94.6231,
99.0578

■ 45.0751, 28.7979, 95.0499, 100.0000,
3.6164 108.9000

■ 44.2011, 27.1823,
2.9171

Harmonies

Analogous

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



67.1624, 55.0538, 46.1304



62.0429, 55.0538, 32.9476



54.6228, 55.0538, 27.4043

Triad

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



62.0429, 55.0538, 32.9476



39.1910, 55.0538, 53.6938



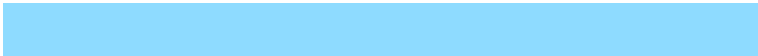
57.7547, 55.0538, 108.0216

Complementary

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



62.0429, 55.0538, 32.9476



54.5357, 63.6311, 104.0153

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.



50.0964, 55.0538, 111.4518



62.0429, 55.0538, 32.9476



39.8549, 55.0538, 76.2725

Square

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



62.0429, 55.0538, 32.9476



41.7722, 55.0538, 37.3309



43.6824, 55.0538, 98.7055



64.5249, 55.0538, 90.2278

Rectangle

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



62.0429, 55.0538, 32.9476



49.5715, 55.0538, 27.5672



43.6824, 55.0538, 98.7055



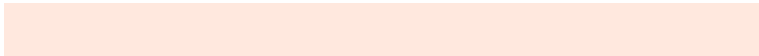
55.1828, 55.0538, 111.0382

Sweetspot

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



62.0443, 55.0565, 32.9487



83.3777, 84.4718, 80.9121



63.7280, 45.7323, 72.6361



17.4585, 17.5588, 16.4065



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.



62.0443, 55.0565, 32.9487



57.7029, 48.7761, 24.0951



75.6261, 82.2202, 37.4760



18.4817, 18.9317, 18.8244



23.2143, 14.4398, 1.5636



2.3538, 1.5931, 0.1834

Inverse Universe

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



54.5357, 63.6311, 104.0153



49.3025, 58.2576, 103.2541



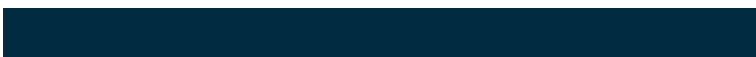
42.2527, 39.0652, 99.9210



18.0382, 19.4480, 23.0531



17.4556, 19.8208, 52.3404



1.7982, 2.1270, 5.1291

Previews

White Background



This preview shows how the XYZ color 62.0429, 55.0538, 32.9476 looks on a white background.

Color Contrast Check

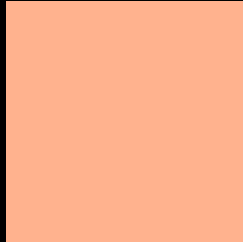
Large Text (above 18pt) WCAG AA × Fail

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 62.0429, 55.0538, 32.9476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

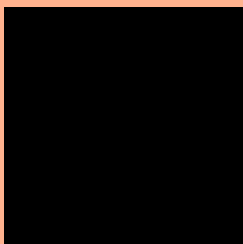
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0429, 55.0538, 32.9476

Background



This preview shows how black text looks on a background with the XYZ color 62.0429, 55.0538, 32.9476.



This preview shows how white text looks on a background with the XYZ color 62.0429, 55.0538,

32.9476.

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

62.0429, 55.0538, 32.9476

Protanopia

51.8233, 55.3835, 36.8129

Deuteranopia

56.3211, 55.1835, 32.4940



Tritanopia

65.2390, 55.0773, 53.6469

Trichromacy



Original Color

62.0429, 55.0538, 32.9476

Protanomaly

54.8281, 54.6705, 35.2665

Deuteranomaly

58.2238, 54.9048, 32.7283

Tritanomaly

63.8257, 54.8222, 45.2480

Monochromacy



Original Color

62.0429, 55.0538, 32.9476

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

55.2627, 54.9067, 49.2804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0429, 55.0538, 32.9476 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, 178, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 142)  
}
```

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, 178, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 142) }
```

Border

The CSS property to change the border of an element to XYZ 62.0429, 55.0538, 32.9476 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, 178, 142) }
```


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

```
.border{ border-color:rgb(255, 178, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0429, 55.0538, 32.9476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 142) }
```

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

```
.background{ background-color: rgb(255,  
178, 142) }
```

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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