

Converting Colors

XYZ(62.8241, 52.8508, 44.8165)

Have a look what the booklet for
XYZ(62.8241, 52.8508, 44.8165)
contains.

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Color

**XYZ(62.8704, 52.9117,
44.9296)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAAAA
RGB	255, 170, 170
RGB Percent	100%, 67%, 67%
CMY	0.0000, 0.3333, 0.3333
CMYK	0.00, 0.33, 0.33, 0.00
HSL	0°, 100%, 83%
HSV	0°, 33%, 100%
XYZ	62.8704, 52.9117, 44.9296
YIQ	195.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

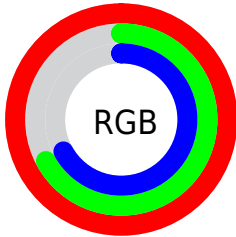
Format	Color
R _Y B	255, 170, 170
Decimal	16755370
CIE Lab	77.82, 31.24, 12.87
CIE LCh	78, 33.788, 22.382
Yxy	52.9117, 0.3912, 0.3292
Android (android.graphics.Color)	4294945450 (0xFFFFAAAA)
YUV	195.4150, -12.5296, 52.2560
Hunter-Lab	72.7404, 26.9839, 14.2966

Details

The XYZ color **62.8704, 52.9117, 44.9296** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.3862, 87.2829, 107.7453**, and the grayscale version is **52.1718, 54.8888, 59.7739**.

A 20% lighter version of the original color is **82.0270, 81.0890, 82.5626**, and **32.3963, 25.7663, 20.4055** is the 20% darker color. If you saturate the color by 10%, you get **56.3629, 43.3898, 31.9913**, and if you desaturate by 10%, it is **70.7756, 64.4798, 60.6430**.

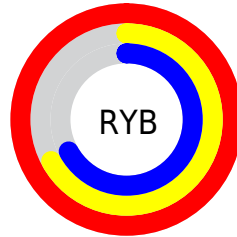
Distribution



Red (100%)

Green (67%)

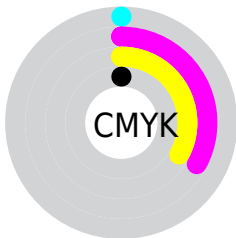
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

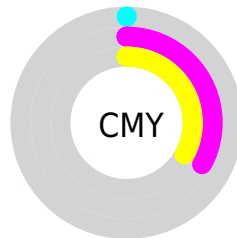


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.8704, 52.9117, 44.9296 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 62.8704, 52.9117, 44.9296 by changing the saturation by 10% instead.


 62.8704, 52.9117,
44.9296

 62.8704, 52.9117,
44.9296


424.7661,
397.9463, 382.6402

 45.9946, 37.7323,
31.0594


 108.0654, 94.4744,
83.9321

 32.4462, 25.7750,
20.3853


137.1153,
121.6265, 109.9015

 21.8597, 16.6554,
12.4886

170.9540,
153.5383, 140.7411

 13.8699, 9.9891,
6.9508

209.9467,
190.5942, 176.8693

 8.1113, 5.3917,
3.3533

254.4590,
233.1785, 218.7048

 4.2187, 2.4789,
1.2778

304.8561,

 1.8266, 0.8660,

281.6757, 266.6661

0.0435

361.5033,
336.4701, 321.1717

■ 0.5336, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.8704, 52.9117,
44.9296

■ 62.8704, 52.9117,
44.9296

■ 56.3629, 43.3898,
31.9913

■ 70.7756, 64.4798,
60.6430

■ 51.1678, 35.7879,
21.6641

■ 80.1487, 78.1952,
79.2765

■ 47.1974, 29.9780,
13.7715

■ 91.0603, 94.1619,
100.9684

■ 44.3513, 25.8132,
8.1139

■ 95.0500, 100.0000,
108.9000

■ 42.5133, 23.1234,
4.4604

■ 41.5419, 21.7019,
2.5297

■ 41.2402, 21.2603,
1.9301

Harmonies

Analogous

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



63.8484, 52.9117, 62.5313



62.8704, 52.9117, 44.9296



58.3843, 52.9117, 33.4865

Triad

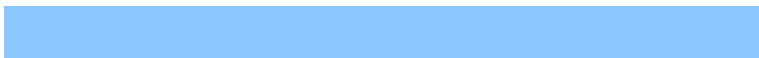
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



62.8704, 52.9117, 44.9296



40.9525, 52.9117, 38.2662



48.6384, 52.9117, 101.3134

Complementary

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



62.8704, 52.9117, 44.9296



70.3862, 87.2829, 107.7453

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.



42.9825, 52.9117, 91.1994



62.8704, 52.9117, 44.9296



38.8030, 52.9117, 52.9574

Square

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



62.8704, 52.9117, 44.9296



45.6422, 52.9117, 30.2628



39.5125, 52.9117, 72.4808



55.2452, 52.9117, 97.8553

Rectangle

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



62.8704, 52.9117, 44.9296



54.2035, 52.9117, 29.5994



39.5125, 52.9117, 72.4808



46.5714, 52.9117, 99.3238

Sweetspot

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



62.8718, 52.9142, 44.9306



83.6111, 83.2617, 86.1596



73.6650, 57.2300, 101.7717



17.5792, 17.3576, 17.8115



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.



62.8718, 52.9142, 44.9306



58.3820, 46.3444, 36.0053



72.1647, 71.5000, 48.0283



18.0095, 17.9873, 18.6670



21.5489, 11.1091, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

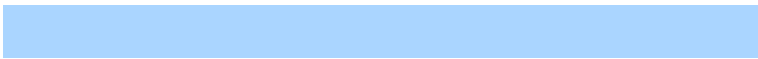
The Inverse Universe completely reimagines the original color for something new.



70.3862, 87.2829, 107.7453



66.9449, 85.5083, 107.5841



58.2967, 63.1039, 103.7154



18.5548, 20.4813, 23.2253



28.1143, 41.1382, 55.8933



2.7374, 4.0055, 5.4421

Previews

White Background



This preview shows how the XYZ color 62.8704, 52.9117, 44.9296 looks on a white background.

Color Contrast Check

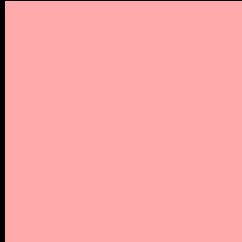
Large Text (above 18pt) WCAG AA × Fail

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 62.8704, 52.9117, 44.9296 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 62.8704, 52.9117, 44.9296

Background



This preview shows how black text looks on a background with the XYZ color 62.8704, 52.9117, 44.9296.



This preview shows how white text looks on a background with the XYZ color 62.8704, 52.9117,

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

62.8704, 52.9117, 44.9296

Protanopia

50.8463, 53.2188, 51.8483

Deuteranopia

54.3528, 53.2800, 43.9786



Tritanopia

63.7685, 52.9721, 50.5797

Trichromacy



Original Color

62.8704, 52.9117, 44.9296



Protanomaly

54.3898, 52.5554, 49.3970



Deuteranomaly

56.9934, 52.7933, 44.2320



Tritanomaly

63.3638, 52.8103, 48.4487

Monochromacy



Original Color

62.8704, 52.9117, 44.9296



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

55.0371, 53.4147, 53.8637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8704, 52.9117, 44.9296 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, 170, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 170)  
}
```

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, 170, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 170) }
```

Border

The CSS property to change the border of an element to XYZ 62.8704, 52.9117, 44.9296 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, 170, 170) }
```


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

```
.border{ border-color:rgb(255, 170, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8704, 52.9117, 44.9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 170) }
```

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

```
.background{ background-color: rgb(255,  
170, 170) }
```

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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