

Converting Colors

XYZ(75.1753, 73.1880, 62.3907)

Have a look what the booklet for
XYZ(75.1753, 73.1880, 62.3907)
contains.

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Color

**XYZ(75.2504, 73.3387,
62.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6C4
RGB	255, 214, 196
RGB Percent	100%, 84%, 77%
CMY	0.0000, 0.1608, 0.2314
CMYK	0.00, 0.16, 0.23, 0.00
HSL	18°, 100%, 88%
HSV	18°, 23%, 100%
XYZ	75.2504, 73.3387, 62.4142
YIQ	224.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

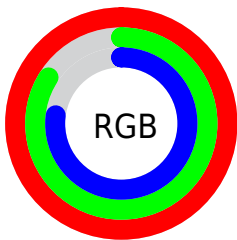
Format	Color
R _Y B	255, 222, 196
Decimal	16766660
CIE Lab	88.61, 11.65, 14.22
CIE LCh	89, 18.385, 50.675
Yxy	73.3387, 0.3566, 0.3476
Android (android.graphics.Color)	4294956740 (0xFFFFD6C4)
YUV	224.2070, -13.9061, 27.0055
Hunter-Lab	85.6380, 6.9820, 16.7352

Details

The XYZ color **75.2504, 73.3387, 62.4142** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.0982, 79.5216, 106.2097**, and the grayscale version is **71.0823, 74.7841, 81.4399**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **40.5693, 38.7550, 30.9334** is the 20% darker color. If you saturate the color by 10%, you get **68.3483, 63.7913, 46.9901**, and if you desaturate by 10%, it is **83.1372, 84.0654, 80.6020**.

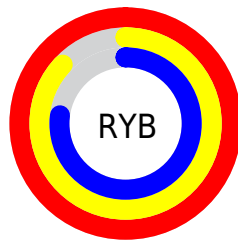
Distribution



Red (100%)

Green (84%)

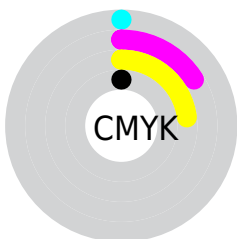
Blue (77%)



Red (100%)

Yellow (87%)

Blue (77%)

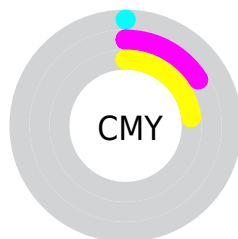


Cyan (0%)

Magenta (16%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.2504, 73.3387, 62.4142 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 75.2504, 73.3387, 62.4142 by changing the saturation by 10% instead.

75.2504, 73.3387,
62.4142

75.2504, 73.3387,
62.4142

467.7617,
472.1879, 451.4896

56.1129, 54.2530,
44.9295

125.6528,
123.9579, 109.9013

40.5308, 38.8039,
31.0594

157.6484,
156.2602, 140.7409

28.1387, 26.6072,
20.3852

194.6608,
193.7368, 176.8691

18.5712, 17.2785,
12.4885

237.0553,
236.7720, 218.7046

11.4631, 10.4332,
6.9507

285.1973,
285.7504, 266.6658

6.4488, 5.6871,
3.3533

339.4521,

3.1631, 2.6558,

341.0562, 321.1714

1.2778

400.1851,
403.0739, 382.6398

■ 1.2406, 0.9548,
0.0435

■ 0.1380, 0.0000,
0.0000

■ 75.2504, 73.3387,
62.4142

■ 75.2504, 73.3387,
62.4142

■ 68.3483, 63.7913,
46.9901

■ 83.1372, 84.0654,
80.6020

■ 62.3850, 55.3726,
34.1886

■ 92.0414, 96.0007,
101.6759

■ 57.3190, 48.0421,
23.8631

95.0500, 100.0000,
108.9000

■ 53.1030, 41.7534,
15.8504

■ 49.6852, 36.4563,
9.9675

■ 47.0068, 32.0959,
6.0033

■ 44.9996, 28.6110,
3.7019

■ 43.9516, 26.6831,
2.8339

Harmonies

Analogous

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



77.9917, 73.3387, 71.5385



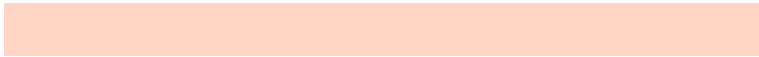
75.2504, 73.3387, 62.4142



71.0970, 73.3387, 58.0997

Triad

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



75.2504, 73.3387, 62.4142



61.6265, 73.3387, 75.9616



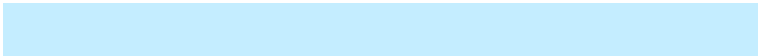
72.7601, 73.3387, 104.9477

Complementary

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



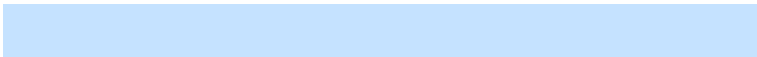
75.2504, 73.3387, 62.4142



71.0982, 79.5216, 106.2097

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.



68.3337, 73.3387, 106.4545



75.2504, 73.3387, 62.4142



62.0294, 73.3387, 88.7887

Square

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



75.2504, 73.3387, 62.4142



63.3164, 73.3387, 65.3567



64.4413, 73.3387, 100.2714



76.5121, 73.3387, 96.3493

Rectangle

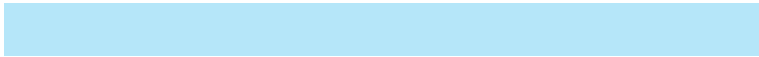
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2504, 73.3387, 62.4142



68.1388, 73.3387, 58.1805



64.4413, 73.3387, 100.2714



71.2976, 73.3387, 106.3336

Sweetspot

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



75.2522, 73.3419, 62.4157



88.4782, 91.2436, 93.1842



76.3103, 66.8726, 89.2368



18.8218, 19.3744, 19.6699



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.



75.2522, 73.3419, 62.4157



71.7744, 68.5531, 54.5770



83.3146, 89.4667, 65.1032



18.4614, 18.8909, 18.8176



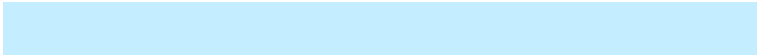
23.0803, 14.1718, 1.5190



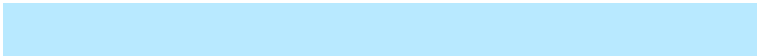
2.3388, 1.5629, 0.1784

Inverse Universe

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



71.0982, 79.5216, 106.2097



66.9200, 75.7582, 105.7035



63.3228, 63.9709, 103.6179



18.0596, 19.4908, 23.0602



17.8034, 20.5164, 52.4563



1.8300, 2.1908, 5.1397

Previews

White Background



This preview shows how the XYZ color 75.2504, 73.3387, 62.4142 looks on a white background.

Color Contrast Check

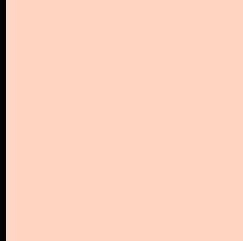
Large Text (above 18pt) WCAG AA × Fail

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 75.2504, 73.3387, 62.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

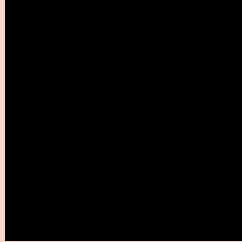
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.2504, 73.3387, 62.4142

Background



This preview shows how black text looks on a background with the XYZ color 75.2504, 73.3387, 62.4142.



This preview shows how white text looks on a background with the XYZ color 75.2504, 73.3387,

62.4142.

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

75.2504, 73.3387, 62.4142

Protanopia

69.8253, 73.5685, 65.1635

Deuteranopia

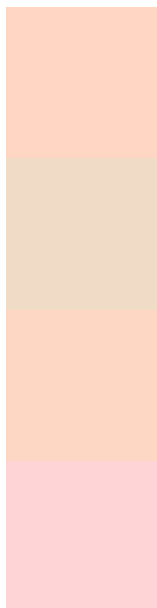
74.8834, 73.1495, 62.3970



Tritanopia

78.2617, 73.3395, 81.9826

Trichromacy



Original Color

75.2504, 73.3387, 62.4142

Protanomaly

71.5755, 73.3118, 64.4110

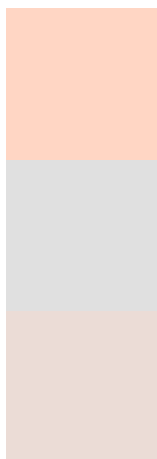
Deuteranomaly

74.8834, 73.1495, 62.3970

Tritanomaly

77.0492, 73.2533, 74.3683

Monochromacy



Original Color

75.2504, 73.3387, 62.4142

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.9917, 73.7036, 74.0502

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.2504, 73.3387, 62.4142 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, 214, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 196)  
}
```

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, 214, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 196) }
```

Border

The CSS property to change the border of an element to XYZ 75.2504, 73.3387, 62.4142 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, 214, 196) }
```


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

```
.border{ border-color:rgb(255, 214, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 75.2504, 73.3387, 62.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 196) }
```

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

```
.background{ background-color: rgb(255,  
214, 196) }
```

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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