

Converting Colors

XYZ(62.7852, 57.9887, 23.8254)

Have a look what the booklet for
XYZ(62.7852, 57.9887, 23.8254)
contains.

XYZ(61.8362, 57.5927, 23.7770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.8362, 57.5927,
23.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBA72
RGB	255, 186, 114
RGB Percent	100%, 73%, 45%
CMY	0.0000, 0.2706, 0.5529
CMYK	0.00, 0.27, 0.55, 0.00
HSL	31°, 100%, 72%
HSV	31°, 55%, 100%
XYZ	61.8362, 57.5927, 23.7770
YIQ	198.4230, 64.2360, -7.7640

Conversions

Conversions Part 2

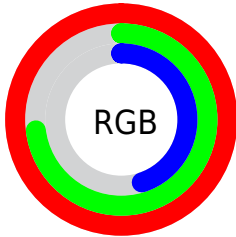
Format	Color
R _Y B	249, 255, 114
Decimal	16759410
CIE Lab	80.51, 17.25, 45.96
CIE LCh	81, 49.093, 69.428
Yxy	57.5927, 0.4318, 0.4022
Android (android.graphics.Color)	4294949490 (0xFFFFBA72)
YUV	198.4230, -41.6205, 49.6180
Hunter-Lab	75.8899, 12.6373, 34.5468

Details

The XYZ color **61.8362, 57.5927, 23.7770** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **41.9222, 44.6625, 101.0186**, and the grayscale version is **54.1535, 56.9737, 62.0443**.

A 20% lighter version of the original color is **79.9672, 87.5543, 49.2442**, and **31.8186, 28.7473, 8.7223** is the 20% darker color. If you saturate the color by 10%, you get **58.0674, 52.0633, 16.3307**, and if you desaturate by 10%, it is **66.2418, 63.7487, 33.4323**.

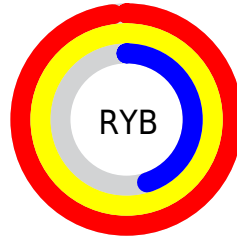
Distribution



Red (100%)

Green (73%)

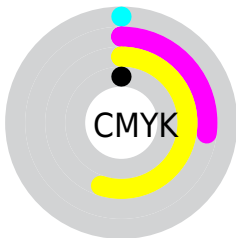
Blue (45%)



Red (98%)

Yellow (100%)

Blue (45%)

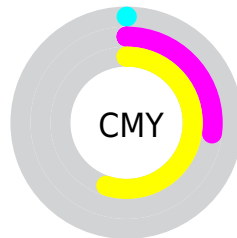


Cyan (0%)

Magenta (27%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8362, 57.5927, 23.7770 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 61.8362, 57.5927, 23.7770 by changing the saturation by 10% instead.


 61.8362, 57.5927,
23.7770


 61.8362, 57.5927,
23.7770


421.0604,
415.6665, 284.9413


 45.1555, 41.4813,
14.9576


 106.5800,
101.3295, 50.6053

 31.7817, 28.6953,
8.6433


 135.3738,
129.7237, 69.4513

 21.3495, 18.8505,
4.4157


 168.9360,
162.9809, 92.4766

 13.4937, 11.5623,
1.8560

207.6320,
201.4856, 120.0997

 7.8487, 6.4464,
0.4645

251.8270,
245.6221, 152.7392

 4.0493, 3.1184,
0.0000

301.8866,

 1.7300, 1.1938,

295.7748, 190.8136

0.0000

358.1759,
352.3282, 234.7414

■ 0.4750, 0.0567,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.8362, 57.5927,
23.7770

■ 61.8362, 57.5927,
23.7770

■ 58.0674, 52.0633,
16.3307

■ 66.2418, 63.7487,
33.4323

■ 54.8910, 47.1265,
10.9062

■ 71.3164, 70.5463,
45.4564

■ 52.2619, 42.7569,
7.2903

■ 77.0944, 78.0103,
59.9976

■ 50.1239, 38.9219,
5.2188

■ 83.6065, 86.1612,
77.1914

49.2522, 37.2846,
4.6008

90.8812, 95.0188,
97.1634

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



71.1156, 57.5927, 33.6510



61.8362, 57.5927, 23.7770



51.6265, 57.5927, 22.3454

Triad

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



61.8362, 57.5927, 23.7770



37.7614, 57.5927, 72.2469



67.9940, 57.5927, 116.0920

Complementary

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



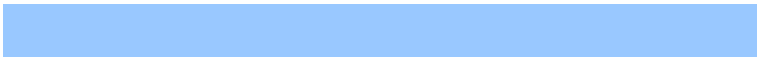
61.8362, 57.5927, 23.7770



41.9222, 44.6625, 101.0186

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.



57.9765, 57.5927, 134.9428



61.8362, 57.5927, 23.7770



41.0938, 57.5927, 104.9762

Square

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



61.8362, 57.5927, 23.7770



38.5269, 57.5927, 45.1579



48.2088, 57.5927, 130.3463



74.9626, 57.5927, 84.3030

Rectangle

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



61.8362, 57.5927, 23.7770



45.7597, 57.5927, 25.7253



48.2088, 57.5927, 130.3463



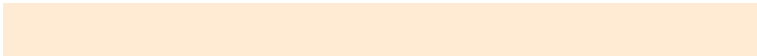
64.8248, 57.5927, 124.5357

Sweetspot

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



61.8376, 57.5955, 23.7781



82.4420, 84.7208, 74.0637



55.9618, 36.7768, 49.7723



17.3586, 17.7764, 15.0867



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.



61.8376, 57.5955, 23.7781



57.8241, 51.6953, 15.8832



80.0371, 93.9947, 29.8446



18.7764, 19.5209, 18.9226



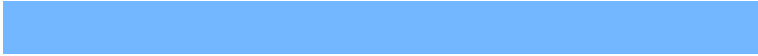
25.8854, 19.7821, 2.4540



2.6297, 2.1448, 0.2754

Inverse Universe

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



41.9222, 44.6625, 101.0186



36.1503, 37.6274, 99.9652



31.0072, 22.8327, 97.3803



17.7369, 18.8453, 22.9526



13.3972, 11.7040, 50.9876



1.4134, 1.3575, 5.0008

Previews

White Background



This preview shows how the XYZ color 61.8362, 57.5927, 23.7770 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 61.8362, 57.5927, 23.7770 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 61.8362, 57.5927, 23.7770

Background



This preview shows how black text looks on a background with the XYZ color 61.8362, 57.5927, 23.7770.



This preview shows how white text looks on a background with the XYZ color 61.8362, 57.5927,

23.7770.

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

61.8362, 57.5927, 23.7770

Protanopia

53.1975, 57.7005, 25.7863

Deuteranopia

58.9197, 57.6870, 23.6521



Tritanopia

66.9652, 57.6641, 56.8910

Trichromacy



Original Color

61.8362, 57.5927, 23.7770

Protanomaly

56.0047, 57.4704, 24.9707

Deuteranomaly

59.8896, 57.5439, 23.5733

Tritanomaly

64.5788, 57.3602, 42.3183

Monochromacy



Original Color

61.8362, 57.5927, 23.7770

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.4803, 56.4337, 44.5279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8362, 57.5927, 23.7770 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, 186, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 114)  
}
```

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, 186, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 114) }
```

Border

The CSS property to change the border of an element to XYZ 61.8362, 57.5927, 23.7770 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, 186, 114) }
```


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

```
.border{ border-color:rgb(255, 186, 114) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8362, 57.5927, 23.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 114) }
```

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

```
.background{ background-color: rgb(255,  
186, 114) }
```

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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