

Converting Colors

XYZ(63.5115, 62.0301, 24.5452)

Have a look what the booklet for XYZ(63.5115, 62.0301, 24.5452) contains.

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Color

**XYZ(63.5115, 62.0301,
24.5452)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC572
RGB	253, 197, 114
RGB Percent	99%, 77%, 45%
CMY	0.0078, 0.2274, 0.5529
CMYK	0.00, 0.22, 0.55, 0.01
HSL	36°, 97%, 72%
HSV	36°, 55%, 99%
XYZ	63.5115, 62.0301, 24.5452
YIQ	204.2820, 60.0190, -13.9410

Conversions

Conversions Part 2

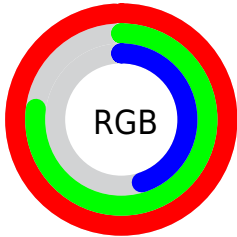
Format	Color
R _Y B	208, 253, 114
Decimal	16631154
CIE Lab	82.93, 10.71, 48.85
CIE LCh	83, 50.007, 77.636
Yxy	62.0301, 0.4232, 0.4133
Android (android.graphics.Color)	4294821234 (0xFFFDC572)
YUV	204.2820, -44.5090, 42.7257
Hunter-Lab	78.7592, 6.1140, 36.6538

Details

The XYZ color **63.5115, 62.0301, 24.5452** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.0431, 39.4169, 98.4784**, and the grayscale version is **57.8206, 60.8318, 66.2458**.

A 20% lighter version of the original color is **83.7497, 94.9708, 50.9629**, and **32.7120, 31.3413, 9.0280** is the 20% darker color. If you saturate the color by 10%, you get **60.0296, 57.0611, 17.2358**, and if you desaturate by 10%, it is **67.5510, 67.4773, 34.0062**.

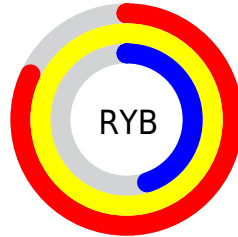
Distribution



Red (99%)

Green (77%)

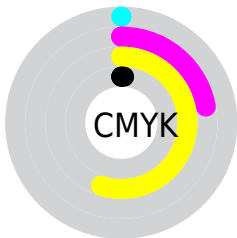
Blue (45%)



Red (82%)

Yellow (99%)

Blue (45%)

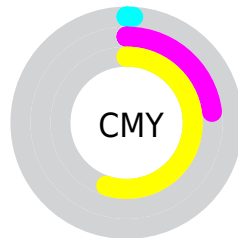


Cyan (0%)

Magenta (22%)

Yellow (55%)

Black (1%)



Cyan (1%)


Magenta (23%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.5115, 62.0301, 24.5452 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 63.5115, 62.0301, 24.5452 by changing the saturation by 10% instead.


 63.5115, 62.0301,
24.5452


 63.5115, 62.0301,
24.5452


427.0537,
432.0409, 288.9402


 46.5153, 45.0570,
15.5226


 108.9848,
107.7690, 51.8734

 32.8590, 31.5023,
9.0363

 138.1926,
137.3037, 71.0160

 22.1772, 20.9817,
4.6677


 172.2017,
171.7943, 94.3691

 14.1045, 13.1106,
1.9984

211.3774,
211.6253, 122.3512

 8.2756, 7.5048,
0.5543

256.0851,
257.1811, 155.3808

 4.3251, 3.7797,
0.0000

306.6902,

 1.8876, 1.5511,

308.8460, 193.8765

0.0000

363.5579,
367.0044, 238.2568

■ 0.5696, 0.3243,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.5115, 62.0301,
24.5452

■ 63.5115, 62.0301,
24.5452

■ 60.0296, 57.0611,
17.2358

■ 67.5510, 67.4773,
34.0062

■ 57.0642, 52.5417,
11.8958

■ 72.1767, 73.4118,
45.7736

■ 54.5742, 48.4529,
8.3184

■ 77.4198, 79.8529,
59.9919

■ 52.5080, 44.7687,
6.2479

■ 83.3081, 86.8164,
76.7927

■ 51.5877, 43.0424,
5.5891

■ 89.8673, 94.3170,
96.2982

■ 94.3178, 99.6225,
108.8657

Harmonies

Analogous

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



74.0681, 62.0301, 32.4694



63.5115, 62.0301, 24.5452



52.8941, 62.0301, 25.2725

Triad

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



63.5115, 62.0301, 24.5452



41.3174, 62.0301, 87.1838



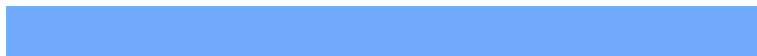
75.6500, 62.0301, 115.9973

Complementary

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



63.5115, 62.0301, 24.5452



39.0431, 39.4169, 98.4784

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.



65.4679, 62.0301, 141.4426



63.5115, 62.0301, 24.5452



46.0563, 62.0301, 121.6273

Square

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



63.5115, 62.0301, 24.5452



40.9290, 62.0301, 55.6025



54.6270, 62.0301, 143.7702



81.6284, 62.0301, 81.0750

Rectangle

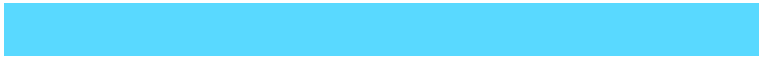
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.5115, 62.0301, 24.5452



47.1771, 62.0301, 30.5745



54.6270, 62.0301, 143.7702



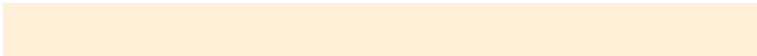
72.5525, 62.0301, 126.3495

Sweetspot

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



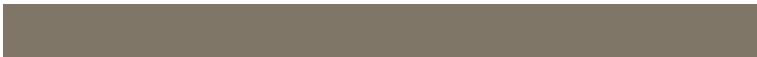
63.5130, 62.0331, 24.5464



84.1423, 87.6035, 76.2267



53.9639, 35.8931, 43.0722



17.7371, 18.4314, 15.5272



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.



63.5130, 62.0331, 24.5464



60.7615, 57.5702, 16.8624



74.5804, 90.2392, 29.4074



18.9115, 19.7912, 18.9677



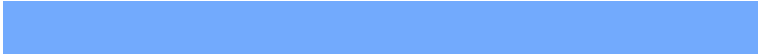
27.5896, 23.1905, 3.0221



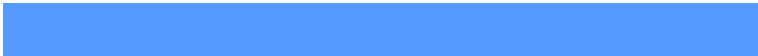
2.7935, 2.4723, 0.3300

Inverse Universe

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



39.0431, 39.4169, 98.4784



33.5903, 32.5073, 99.1119



32.2903, 23.5312, 95.7680



17.6036, 18.5789, 22.9082



12.0883, 9.0862, 50.5513



1.2807, 1.0920, 4.9566

Previews

White Background



This preview shows how the XYZ color 63.5115, 62.0301, 24.5452 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 63.5115, 62.0301, 24.5452 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 63.5115, 62.0301, 24.5452

Background



This preview shows how black text looks on a background with the XYZ color 63.5115, 62.0301, 24.5452.



This preview shows how white text looks on a background with the XYZ color 63.5115, 62.0301,

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

63.5115, 62.0301, 24.5452

Protanopia

57.2023, 62.2409, 25.8284

Deuteranopia

63.5115, 62.0301, 24.5452



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

63.5115, 62.0301, 24.5452

Protanomaly

59.1004, 61.8057, 25.3378

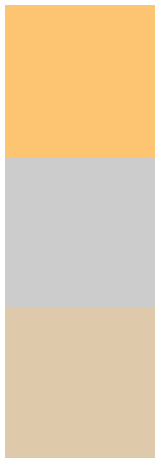
Deuteranomaly

63.5115, 62.0301, 24.5452

Tritanomaly

66.9784, 61.6724, 46.4040

Monochromacy



Original Color

63.5115, 62.0301, 24.5452

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.3615, 60.2432, 47.0802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5115, 62.0301, 24.5452 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(253, 197, 114)` looks like.

```
.text, #text, p{  
    color:rgb(253, 197, 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(253, 197, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 197, 114) }
```

Border

The CSS property to change the border of an element to XYZ 63.5115, 62.0301, 24.5452 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(253, 197, 114) }
```


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

```
.border{ border-color:rgb(253, 197, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 197, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 197, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 197, 114);  
box-shadow:4px 4px 4px 4px rgb(253, 197,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5115, 62.0301, 24.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 197, 114) }
```

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

```
.background{ background-color: rgb(253,  
197, 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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