

Converting Colors

XYZ(62.3099, 59.9994, 24.5249)

Have a look what the booklet for
XYZ(62.3099, 59.9994, 24.5249)
contains.

XYZ(62.3094, 60.0732, 24.5309)	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(62.3094, 60.0732,
24.5309)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC173
RGB	252, 193, 115
RGB Percent	99%, 76%, 45%
CMY	0.0118, 0.2431, 0.5490
CMYK	0.00, 0.23, 0.54, 0.01
HSL	34°, 96%, 72%
HSV	34°, 54%, 99%
XYZ	62.3094, 60.0732, 24.5309
YIQ	201.7490, 60.2020, -11.7500

Conversions

Conversions Part 2

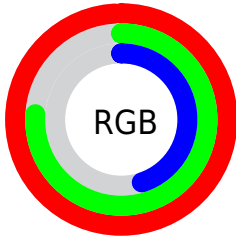
Format	Color
RYB	219, 252, 115
Decimal	16564595
CIELab	81.88, 12.46, 47.06
CIELCh	82, 48.680, 75.165
Yxy	60.0732, 0.4241, 0.4089
Android (android.graphics.Color)	4294754675 (0xFFFC173)
YUV	201.7490, -42.7673, 44.0701
Hunter-Lab	77.5069, 7.8628, 35.4896

Details

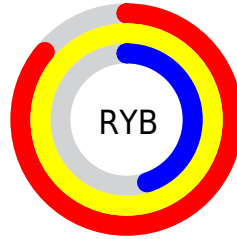
The XYZ color **62.3094, 60.0732, 24.5309** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.7763, 40.9435, 97.9016**, and the grayscale version is **56.2157, 59.1433, 64.4071**.

A 20% lighter version of the original color is **82.1836, 91.8385, 50.4409**, and **32.0417, 30.3328, 9.0165** is the 20% darker color. If you saturate the color by 10%, you get **58.7416, 54.9497, 17.1392**, and if you desaturate by 10%, it is **66.4525, 65.7131, 34.0707**.

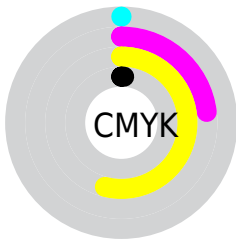
Distribution



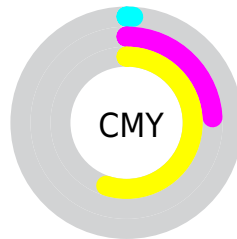
- Red (99%)
- Green (76%)
- Blue (45%)



- Red (86%)
- Yellow (99%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (54%)
- Black (1%)





- Cyan (1%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3094, 60.0732, 24.5309 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 62.3094, 60.0732, 24.5309 by changing the saturation by 10% instead.


 62.3094, 60.0732,
24.5309


 62.3094, 60.0732,
24.5309

422.7584,
424.8675, 288.8662

 45.5393, 43.4776,
15.5121


 107.2600,
104.9358, 51.8498

 32.0855, 30.2601,
9.0290


 136.1712,
133.9717, 70.9870

 21.5827, 20.0361,
4.6630


 169.8601,
167.9232, 94.3340

 13.6655, 12.4213,
1.9957

208.6922,
207.1745, 122.3095

 7.9685, 7.0313,
0.5526

253.0327,
252.1103, 155.3319

 4.1264, 3.4817,
0.0000

303.2469,

 1.7739, 1.3881,

303.1148, 193.8198

0.0000

359.7004,
360.5724, 238.1917

■ 0.5019, 0.2079,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.3094, 60.0732,
24.5309

■ 62.3094, 60.0732,
24.5309

■ 58.7416, 54.9497,
17.1392

■ 66.4525, 65.7131,
34.0707

■ 55.7078, 50.3131,
11.7161

■ 71.1995, 71.8798,
45.9112

■ 53.1670, 46.1433,
8.0589

■ 76.5821, 78.5938,
60.1948

■ 51.0682, 42.4131,
5.9177

■ 82.6282, 85.8718,
77.0517

50.0402, 40.4862,
5.1772

89.3638, 93.7295,
96.6024

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



72.1980, 60.0732, 32.9198



62.3094, 60.0732, 24.5309



52.0818, 60.0732, 24.5748

Triad

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



62.3094, 60.0732, 24.5309



40.0667, 60.0732, 81.3629



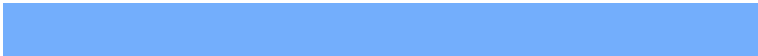
72.2921, 60.0732, 113.9883

Complementary

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



62.3094, 60.0732, 24.5309



39.7763, 40.9435, 97.9016

Split Complementary

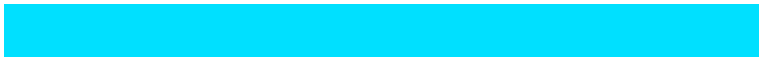
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.4259, 60.0732, 136.6672



62.3094, 60.0732, 24.5309



44.2650, 60.0732, 114.3220

Square

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



62.3094, 60.0732, 24.5309



40.0434, 60.0732, 51.9603



52.1852, 60.0732, 136.8050



78.4144, 60.0732, 80.9996

Rectangle

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



62.3094, 60.0732, 24.5309



46.4542, 60.0732, 29.1893



52.1852, 60.0732, 136.8050



69.2543, 60.0732, 123.4551

Sweetspot

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



62.3108, 60.0761, 24.5321



83.8123, 86.9435, 76.1167



53.9517, 36.0277, 44.3432



17.6583, 18.2738, 15.5010



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.



62.3108, 60.0761, 24.5321



60.1165, 56.1112, 17.1684



74.8210, 89.8894, 29.6273



18.0650, 18.8658, 18.1517



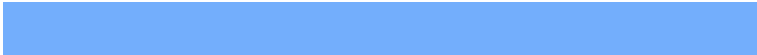
26.2159, 21.3885, 2.7467



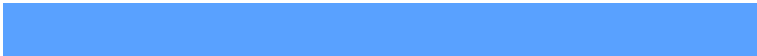
2.5333, 2.1915, 0.2895

Inverse Universe

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



39.7763, 40.9435, 97.9016



34.8732, 34.7149, 99.4704



32.0334, 23.5854, 94.9593



16.8977, 17.8722, 21.9444



12.1143, 9.5842, 49.1850



1.2250, 1.0936, 4.5897

Previews

White Background



This preview shows how the XYZ color 62.3094, 60.0732, 24.5309 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 62.3094, 60.0732, 24.5309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

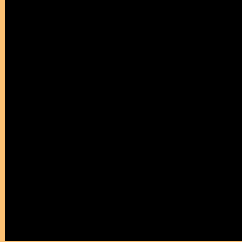
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3094, 60.0732, 24.5309

Background



This preview shows how black text looks on a background with the XYZ color 62.3094, 60.0732, 24.5309.



This preview shows how white text looks on a background with the XYZ color 62.3094, 60.0732,

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

62.3094, 60.0732, 24.5309

Protanopia

55.3541, 60.2056, 26.1561

Deuteranopia

61.4532, 59.9611, 24.5544



Tritanopia

68.7820, 60.0351, 61.3888

Trichromacy



Original Color

62.3094, 60.0732, 24.5309

Protanomaly

57.8560, 60.1090, 25.6924

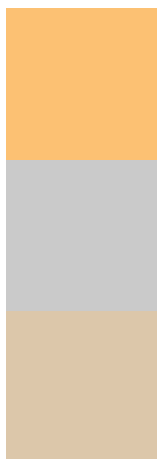
Deuteranomaly

61.8106, 60.1454, 24.5711

Tritanomaly

65.9242, 59.8644, 45.1262

Monochromacy



Original Color

62.3094, 60.0732, 24.5309

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1943, 58.9648, 46.3971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3094, 60.0732, 24.5309 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(252, 193, 115)` looks like.

```
.text, #text, p{  
    color:rgb(252, 193, 115)  
}
```

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(252, 193, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 193, 115) }
```

Border

The CSS property to change the border of an element to XYZ 62.3094, 60.0732, 24.5309 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(252, 193, 115) }
```


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

```
.border{ border-color:rgb(252, 193, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 193, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 193, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 193, 115);  
box-shadow:4px 4px 4px 4px rgb(252, 193,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3094, 60.0732, 24.5309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 193, 115) }
```

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

```
.background{ background-color: rgb(252,  
193, 115) }
```

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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