

Converting Colors

XYZ(62.2689, 59.9397, 20.3766)

Have a look what the booklet for
XYZ(62.2689, 59.9397, 20.3766)
contains.

XYZ(62.0229, 59.6902, 20.3090)	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(62.0229, 59.6902,
20.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	FEC064
RGB	254, 192, 100
RGB Percent	100%, 75%, 39%
CMY	0.0039, 0.2470, 0.6078
CMYK	0.00, 0.24, 0.61, 0.00
HSL	36°, 99%, 69%
HSV	36°, 61%, 100%
XYZ	62.0229, 59.6902, 20.3090
YIQ	200.0500, 66.4840, -15.4680

Conversions

Conversions Part 2

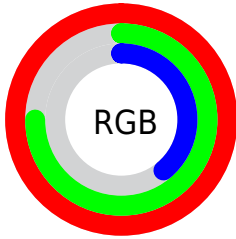
Format	Color
R_{YB}	204, 254, 100
Decimal	16695396
CIE _{Lab}	81.67, 12.70, 54.12
CIE _{LCh}	82, 55.593, 76.799
Yxy	59.6902, 0.4367, 0.4203
Android (android.graphics.Color)	4294885476 (0xFFFE064)
YUV	200.0500, -49.3246, 47.3142
Hunter-Lab	77.2594, 8.0935, 38.4962

Details

The XYZ color **62.0229, 59.6902, 20.3090** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **36.0646, 35.7041, 98.7561**, and the grayscale version is **55.1975, 58.0721, 63.2405**.

A 20% lighter version of the original color is **80.5572, 90.6947, 43.3970**, and **32.0143, 30.1480, 6.9281** is the 20% darker color. If you saturate the color by 10%, you get **58.8125, 54.9399, 14.0903**, and if you desaturate by 10%, it is **65.7752, 64.9116, 28.5996**.

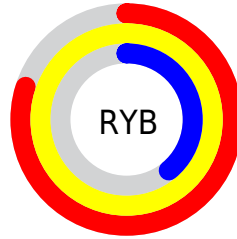
Distribution



Red (100%)

Green (75%)

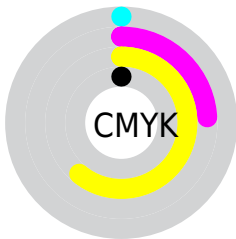
Blue (39%)



Red (80%)

Yellow (100%)

Blue (39%)

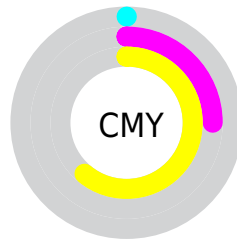


Cyan (0%)

Magenta (24%)

Yellow (61%)

Black (0%)



Cyan (0%)


Magenta (25%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0229, 59.6902, 20.3090 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 62.0229, 59.6902, 20.3090 by changing the saturation by 10% instead.


 62.0229, 59.6902,
20.3090


 62.0229, 59.6902,
20.3090


421.7308,
423.4549, 266.2424

 45.3069, 43.1690,
12.4336


 106.8484,
104.3801, 44.8004


 31.9015, 30.0177,
6.9136


 135.6885,
133.3176, 62.2534

 21.4415, 19.8520,
3.3305


 169.3008,
167.1627, 83.7361

 13.5614, 12.2875,
1.2658

 208.0505,
206.2997, 109.6669

 7.8959, 6.9398,
0.0335

252.3030,
251.1130, 140.4644

 4.0796, 3.4245,
0.0000

302.4236,

 1.7473, 1.3572,

301.9870, 176.5471

0.0000

358.7778,
359.3062, 218.3336

■ 0.4856, 0.1848,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.0229, 59.6902,
20.3090

■ 62.0229, 59.6902,
20.3090

■ 58.8125, 54.9399,
14.0903

■ 65.7752, 64.9116,
28.5996

■ 56.0998, 50.6309,
9.7442

■ 70.1005, 70.6143,
39.1294

■ 53.8386, 46.7418,
7.0379

■ 75.0320, 76.8187,
52.0523

■ 52.0605, 43.4461,
5.6421

■ 80.5989, 83.5411,
67.5076

86.8282, 90.7968,
85.6239

93.7452, 98.6003,
106.5209

94.6828, 99.8107,
108.8828

Harmonies

Analogous

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



73.5525, 59.6902, 28.4569



62.0229, 59.6902, 20.3090



50.4828, 59.6902, 20.7944

Triad

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



62.0229, 59.6902, 20.3090



37.8227, 59.6902, 85.4270



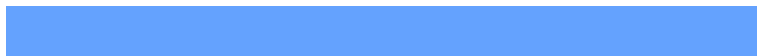
74.7451, 59.6902, 119.7653

Complementary

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



62.0229, 59.6902, 20.3090



36.0646, 35.7041, 98.7561

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.



63.4805, 59.6902, 148.1408



62.0229, 59.6902, 20.3090



42.6967, 59.6902, 124.1116

Square

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



62.0229, 59.6902, 20.3090



37.5447, 59.6902, 51.3729



51.7542, 59.6902, 149.9596



81.5491, 59.6902, 80.8286

Rectangle

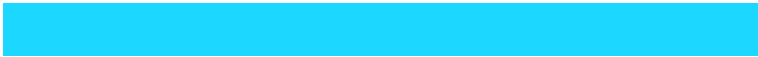
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.0229, 59.6902, 20.3090



44.3076, 59.6902, 25.8746



51.7542, 59.6902, 149.9596



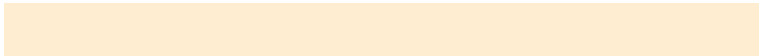
71.2898, 59.6902, 131.3612

Sweetspot

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



62.0243, 59.6931, 20.3102



82.9072, 86.1607, 72.6475



52.1462, 32.8720, 38.7980



17.3702, 17.9989, 14.4761



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.



62.0243, 59.6931, 20.3102



58.6437, 54.3562, 13.0068



74.0744, 90.5334, 25.6278



18.9119, 19.7920, 18.9678



27.5956, 23.2024, 3.0241



2.7940, 2.4734, 0.3302

Inverse Universe

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



36.0646, 35.7041, 98.7561



30.4345, 28.3615, 98.4780



29.2356, 19.7704, 96.0405



17.6032, 18.5780, 22.9081



12.0846, 9.0788, 50.5500



1.2803, 1.0913, 4.9564

Previews

White Background



This preview shows how the XYZ color 62.0229, 59.6902, 20.3090 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 62.0229, 59.6902, 20.3090 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 62.0229, 59.6902, 20.3090

Background



This preview shows how black text looks on a background with the XYZ color 62.0229, 59.6902, 20.3090.



This preview shows how white text looks on a background with the XYZ color 62.0229, 59.6902,

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

62.0229, 59.6902, 20.3090

Protanopia

54.5951, 59.5586, 21.7152

Deuteranopia

61.0164, 59.8277, 20.3886



Tritanopia

68.3443, 59.5265, 60.1122

Trichromacy



Original Color

62.0229, 59.6902, 20.3090

Protanomaly

57.1326, 59.4883, 21.3031

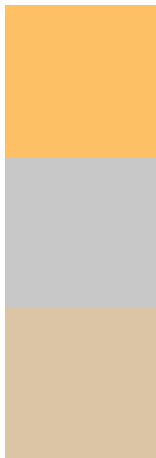
Deuteranomaly

61.1539, 59.5693, 20.3315

Tritanomaly

65.4433, 59.3739, 41.7293

Monochromacy



Original Color

62.0229, 59.6902, 20.3090

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.1823, 57.8285, 43.3228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0229, 59.6902, 20.3090 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(254, 192, 100)` looks like.

```
.text, #text, p{  
    color:rgb(254, 192, 100)  
}
```

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(254, 192, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 192, 100) }
```

Border

The CSS property to change the border of an element to XYZ 62.0229, 59.6902, 20.3090 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(254, 192, 100) }
```


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

```
.border{ border-color:rgb(254, 192, 100) }
```

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

Here you see how a box with a 4 pixel rgb(254, 192, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 192, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 192, 100);  
box-shadow:4px 4px 4px 4px rgb(254, 192,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0229, 59.6902, 20.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 192, 100) }
```

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

```
.background{ background-color: rgb(254,  
192, 100) }
```

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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