

Converting Colors

XYZ(59.5234, 62.4237, 14.6571)

Have a look what the booklet for
XYZ(59.5234, 62.4237, 14.6571)
contains.

XYZ(59.4236, 62.2088, 14.6699)	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(59.4236, 62.2088,
14.6699)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CB46
RGB	243, 203, 70
RGB Percent	95%, 80%, 27%
CMY	0.0471, 0.2039, 0.7255
CMYK	0.00, 0.16, 0.71, 0.05
HSL	46°, 88%, 61%
HSV	46°, 71%, 95%
XYZ	59.4236, 62.2088, 14.6699
YIQ	199.7980, 66.5330, -32.8830

Conversions

Conversions Part 2

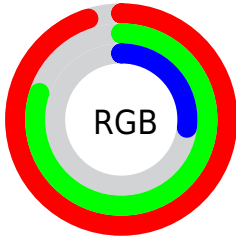
Format	Color
RYB	122, 243, 70
Decimal	15977286
CIELab	83.02, 0.71, 68.20
CIELCh	83, 68.205, 89.403
Yxy	62.2088, 0.4360, 0.4564
Android (android.graphics.Color)	4294167366 (0xFFFF3CB46)
YUV	199.7980, -63.9904, 37.8882
Hunter-Lab	78.8726, -3.5428, 44.1831

Details

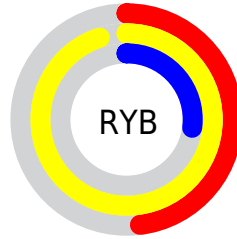
The XYZ color **59.4236, 62.2088, 14.6699** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **24.2793, 18.9245, 87.1666**, and the grayscale version is **55.1297, 58.0007, 63.1627**.

A 20% lighter version of the original color is **80.7659, 94.2864, 33.6809**, and **30.2759, 31.5622, 4.4964** is the 20% darker color. If you saturate the color by 10%, you get **57.5039, 59.3589, 10.9810**, and if you desaturate by 10%, it is **61.7043, 65.2849, 20.0105**.

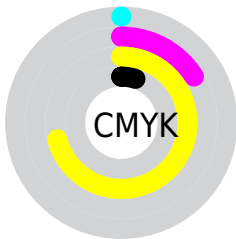
Distribution



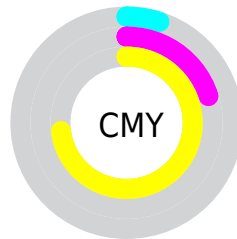
- Red (95%)
- Green (80%)
- Blue (27%)



- Red (48%)
- Yellow (95%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (71%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.4236, 62.2088, 14.6699 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 59.4236, 62.2088, 14.6699 by changing the saturation by 10% instead.


 59.4236, 62.2088,
14.6699


 59.4236, 62.2088,
14.6699


412.3388,
432.6923, 232.9310

 43.2019, 45.2014,
8.4440


 103.1042,
108.0272, 35.0071


 30.2388, 31.6161,
4.2885


 131.2938,
137.6071, 49.9555


 20.1689, 21.0685,
1.7849


 164.2034,
172.1466, 68.6485

 12.6268, 13.1741,
0.4180

 202.1983,
212.0301, 91.5046

 7.2473, 7.5485,
0.0000

 245.6440,
257.6421, 118.9423

 3.6649, 3.8074,
0.0000

294.9057,

 1.5144, 1.5664,

309.3668, 151.3803

0.0000

350.3488,
367.5888, 189.2370

■ 0.3356, 0.3348,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4236, 62.2088,
14.6699

■ 59.4236, 62.2088,
14.6699

■ 57.5039, 59.3589,
10.9810

■ 61.7043, 65.2849,
20.0105


■ 55.9005, 56.7092,
8.7290


■ 64.3758, 68.5926,
27.1752


■ 54.6947, 54.5202,
7.6407


■ 67.4689, 72.1475,
36.3184


■ 71.0102, 75.9609,
47.5775

 75.0239, 80.0432,
61.0773

 79.5322, 84.4042,
76.9328

 84.5560, 89.0529,
95.2514

 88.5632, 93.3771,
107.9635

 90.3159, 96.8825,
108.5478

Harmonies

Analogous

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



74.7604, 62.2088, 19.1334



59.4236, 62.2088, 14.6699



46.2750, 62.2088, 18.7714

Triad

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



59.4236, 62.2088, 14.6699



37.7120, 62.2088, 115.9157



87.0356, 62.2088, 118.0256

Complementary

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



59.4236, 62.2088, 14.6699



24.2793, 18.9245, 87.1666

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.



74.1636, 62.2088, 165.9242



59.4236, 62.2088, 14.6699



45.8417, 62.2088, 164.3910

Square

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



59.4236, 62.2088, 14.6699



35.0720, 62.2088, 66.8920



58.8326, 62.2088, 185.6513



92.2409, 62.2088, 68.5847

Rectangle

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



59.4236, 62.2088, 14.6699



40.1111, 62.2088, 27.4521



58.8326, 62.2088, 185.6513



83.3668, 62.2088, 135.4827

Sweetspot

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



59.4250, 62.2118, 14.6711



83.7727, 89.3725, 68.3716



41.9870, 24.5693, 17.3871



17.6534, 18.8527, 13.6845



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.



59.4250, 62.2118, 14.6711



63.3994, 65.0126, 11.0621



56.1472, 76.3954, 17.5816



17.5709, 18.6259, 17.4666



30.1261, 30.1377, 4.2293



2.7248, 2.8029, 0.3974

Inverse Universe

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



24.2793, 18.9245, 87.1666



22.3778, 14.6752, 96.2609



25.5886, 14.5743, 86.2579



15.8920, 16.5483, 20.8991



9.7440, 5.2818, 47.0439



0.9315, 0.6145, 4.1597

Previews

White Background



This preview shows how the XYZ color 59.4236, 62.2088, 14.6699 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 59.4236, 62.2088, 14.6699 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 59.4236, 62.2088, 14.6699

Background



This preview shows how black text looks on a background with the XYZ color 59.4236, 62.2088, 14.6699.



This preview shows how white text looks on a background with the XYZ color 59.4236, 62.2088,

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

59.4236, 62.2088, 14.6699

Protanopia

56.4052, 62.0695, 14.9690

Deuteranopia

63.1380, 61.9652, 18.7580



Tritanopia

69.9409, 62.1173, 66.0612

Trichromacy



Original Color

59.4236, 62.2088, 14.6699

Protanomaly

57.4696, 62.2597, 14.9496

Deuteranomaly

61.8073, 61.9962, 17.0964

Tritanomaly

64.5828, 61.5703, 39.9329

Monochromacy



Original Color

59.4236, 62.2088, 14.6699

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9553, 58.6721, 38.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4236, 62.2088, 14.6699 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(243, 203, 70)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 70)  
}
```

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(243, 203, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 70) }
```

Border

The CSS property to change the border of an element to XYZ 59.4236, 62.2088, 14.6699 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(243, 203, 70) }
```


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

```
.border{ border-color:rgb(243, 203, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 203, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 203, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 203, 70);  
box-shadow:4px 4px 4px 4px rgb(243, 203,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4236, 62.2088, 14.6699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 70) }
```

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

```
.background{ background-color: rgb(243,  
203, 70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor