

Converting Colors

XYZ(62.1993, 62.5768, 10.7714)

Have a look what the booklet for
XYZ(62.1993, 62.5768, 10.7714)
contains.

XYZ(62.2773, 62.7218, 10.8316)	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(62.2773, 62.7218,
10.8316)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC828
RGB	255, 200, 40
RGB Percent	100%, 78%, 16%
CMY	0.0000, 0.2157, 0.8431
CMYK	0.00, 0.22, 0.84, 0.00
HSL	45°, 100%, 58%
HSV	45°, 84%, 100%
XYZ	62.2773, 62.7218, 10.8316
YIQ	198.2050, 84.1400, -38.1000

Conversions

Conversions Part 2

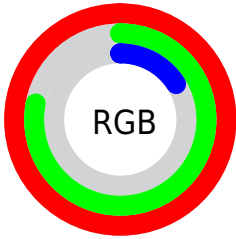
Format	Color
R _Y B	114, 255, 40
Decimal	16762920
CIE Lab	83.30, 6.28, 78.53
CIE LCh	83, 78.780, 85.429
Yxy	62.7218, 0.4585, 0.4618
Android (android.graphics.Color)	4294953000 (0xFFFFC828)
YUV	198.2050, -77.9951, 49.8092
Hunter-Lab	79.1971, 1.7701, 47.3290

Details

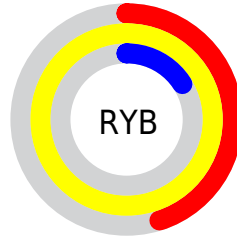
The XYZ color **62.2773, 62.7218, 10.8316** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **23.0174, 15.8555, 96.4543**, and the grayscale version is **54.2271, 57.0512, 62.1287**.

A 20% lighter version of the original color is **79.3983, 93.7393, 26.4791**, and **32.4260, 32.2049, 4.5071** is the 20% darker color. If you saturate the color by 10%, you get **60.4997, 59.6474, 8.7582**, and if you desaturate by 10%, it is **64.4076, 66.0454, 14.4318**.

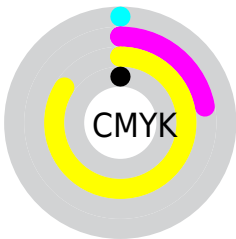
Distribution



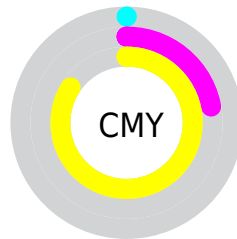
- Red (100%)
- Green (78%)
- Blue (16%)



- Red (45%)
- Yellow (100%)
- Blue (16%)



- Cyan (0%)
- Magenta (22%)
- Yellow (84%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2773, 62.7218, 10.8316 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 62.2773, 62.7218, 10.8316 by changing the saturation by 10% instead.


 62.2773, 62.7218,
10.8316


 62.2773, 62.7218,
10.8316


422.6433,
434.5591, 207.2043

 45.5132, 45.6162,
5.8410


 107.2139,
108.7681, 27.9802


 32.0649, 31.9431,
2.6814


 136.1171,
138.4775, 40.9753

 21.5669, 21.3180,
0.9340


 169.7975,
173.1570, 57.4756

 13.6538, 13.3567,
0.0000

 208.6203,
213.1909, 77.8996

 7.9604, 7.6746,
0.0000

 252.9509,
258.9637, 102.6660

 4.1212, 3.8874,
0.0000

 303.1548,

 1.7709, 1.6108,

310.8597, 132.1932

0.0000

359.5971,
369.2634, 166.8998

■ 0.5001, 0.3649,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 62.2773, 62.7218,
10.8316

■ 62.2773, 62.7218,
10.8316

■ 60.4997, 59.6474,
8.7582

■ 64.4076, 66.0454,
14.4318

■ 59.6041, 57.9888,
8.0515

■ 66.9357, 69.6300,
19.8112

■ 69.9034, 73.4960,
27.1799

■ 73.3455, 77.6586,
36.7179

■ 77.2931, 82.1314,
48.5846

■ 81.7743, 86.9268,
62.9247

■ 86.8149, 92.0562,
79.8709

■ 92.4391, 97.5305,
99.5465

95.0497, 99.9998,
108.9000

Harmonies

Analogous

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



80.3133, 62.7218, 16.3622



62.2773, 62.7218, 10.8316



46.5676, 62.7218, 13.6317

Triad

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



62.2773, 62.7218, 10.8316



34.5535, 62.7218, 117.3017



91.0377, 62.7218, 136.9734

Complementary

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



62.2773, 62.7218, 10.8316



23.0174, 15.8555, 96.4543

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.



74.8972, 62.7218, 193.7240



62.2773, 62.7218, 10.8316



42.8189, 62.7218, 179.0549

Square

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



62.2773, 62.7218, 10.8316



32.4532, 62.7218, 61.0522



57.0300, 62.7218, 211.9711



98.8188, 62.7218, 76.0856

Rectangle

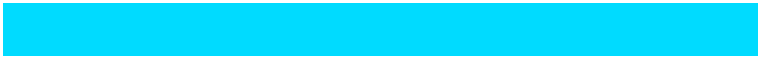
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.2773, 62.7218, 10.8316



39.1047, 62.7218, 21.1964



57.0300, 62.7218, 211.9711



86.2757, 62.7218, 158.1241

Sweetspot

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



62.2787, 62.7249, 10.8328



81.4484, 86.5863, 61.8546



44.1722, 23.6473, 13.6285



17.0858, 18.1661, 12.1122



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.



62.2787, 62.7249, 10.8328



59.6046, 57.9892, 8.0515



61.2740, 84.6283, 15.1136



19.1448, 20.2578, 19.0454



31.2711, 30.5534, 4.2492



3.1325, 3.1503, 0.4430

Inverse Universe

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



23.0174, 15.8555, 96.4543



19.9533, 11.0266, 95.6844



23.0421, 10.9203, 95.5004



17.3806, 18.1328, 22.8339



10.5265, 5.9625, 50.0307



1.1082, 0.7470, 4.8991

Previews

White Background



This preview shows how the XYZ color 62.2773, 62.7218, 10.8316 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 62.2773, 62.7218, 10.8316 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 62.2773, 62.7218, 10.8316

Background



This preview shows how black text looks on a background with the XYZ color 62.2773, 62.7218, 10.8316.



This preview shows how white text looks on a background with the XYZ color 62.2773, 62.7218,

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

62.2773, 62.7218, 10.8316

Protanopia

56.9055, 62.7713, 11.3073

Deuteranopia

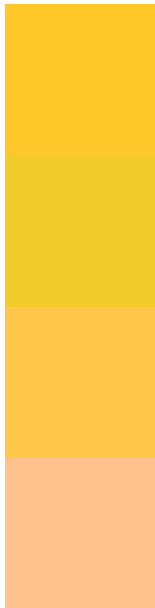
63.5952, 62.8796, 18.9104



Tritanopia

70.5315, 62.7859, 64.2786

Trichromacy



Original Color

62.2773, 62.7218, 10.8316

Protanomaly

58.8495, 62.7000, 11.0984

Deuteranomaly

62.8660, 62.5879, 15.0706

Tritanomaly

65.4897, 61.8267, 34.4687

Monochromacy



Original Color

62.2773, 62.7218, 10.8316

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.4446, 57.8300, 33.4921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2773, 62.7218, 10.8316 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, 200, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 40)  
}
```

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, 200, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 40) }
```

Border

The CSS property to change the border of an element to XYZ 62.2773, 62.7218, 10.8316 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, 200, 40) }
```


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

```
.border{ border-color:rgb(255, 200, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
40) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2773, 62.7218, 10.8316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 40) }
```

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

```
.background{ background-color: rgb(255,  
200, 40) }
```

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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