

Converting Colors

XYZ(62.7452, 66.0820, 73.5989)

Have a look what the booklet for
XYZ(62.7452, 66.0820, 73.5989)
contains.

XYZ(62.9240, 66.3437, 73.7791)	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(62.9240, 66.3437,
73.7791)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D5D7
RGB	211, 213, 215
RGB Percent	83%, 84%, 84%
CMY	0.1725, 0.1647, 0.1569
CMYK	0.02, 0.01, 0.00, 0.16
HSL	210°, 5%, 84%
HSV	210°, 2%, 84%
XYZ	62.9240, 66.3437, 73.7791
YIQ	212.6300, -1.8340, 0.1980

Conversions

Conversions Part 2

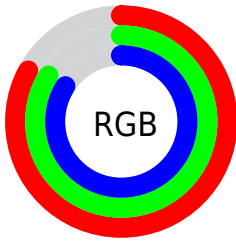
Format	Color
R _Y B	211, 212, 215
Decimal	13882839
CIE Lab	85.17, -0.31, -1.23
CIE LCh	85, 1.271, 255.951
Yxy	66.3437, 0.3099, 0.3267
Android (android.graphics.Color)	4292072919 (0xFFD3D5D7)
YUV	212.6300, 1.1684, -1.4295
Hunter-Lab	81.4516, -4.6434, 3.3111

Details

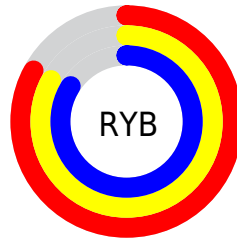
The XYZ color **62.9240, 66.3437, 73.7791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5766, 66.7380, 71.1600**, and the grayscale version is **62.9937, 66.2743, 72.1727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4767, 34.1599, 38.1395** is the 20% darker color. If you saturate the color by 10%, you get **54.5617, 58.1591, 72.6411**, and if you desaturate by 10%, it is **72.2926, 75.3159, 75.0181**.

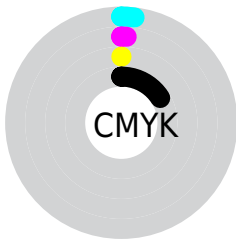
Distribution



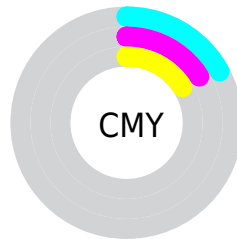
- Red (83%)
- Green (84%)
- Blue (84%)



- Red (83%)
- Yellow (83%)
- Blue (84%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9240, 66.3437, 73.7791 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 62.9240, 66.3437, 73.7791 by changing the saturation by 10% instead.

■ 62.9240, 66.3437,
73.7791

■ 62.9240, 66.3437,
73.7791

424.9577,
447.6051, 492.8536

■ 46.0381, 48.5515,
54.1176

108.1423,
113.9795, 126.3138

■ 32.4807, 34.2638,
38.3018

137.2054,
144.5918, 160.0240

■ 21.8862, 23.0963,
25.9134

171.0584,
180.2463, 199.2542

■ 13.8895, 14.6647,
16.5337

210.0665,
221.3274, 244.4229

■ 8.1250, 8.5844,
9.7441

254.5951,
268.2194, 295.9486

■ 4.2275, 4.4711,
5.1263

305.0096,

■ 1.8316, 1.9404,

321.3068, 354.2500

2.2615

361.6753,
380.9738, 419.7455

■ 0.5366, 0.5725,
0.7095

■ 0.0000, 0.0000,
0.0000

■ 62.9240, 66.3437,
73.7791

■ 62.9240, 66.3437,
73.7791

■ 54.5617, 58.1591,
72.6411

■ 72.2926, 75.3159,
75.0181

■ 47.1640, 50.7301,
71.5970

■ 82.6958, 85.0898,
76.3564

■ 40.6948, 44.0345,
70.6456

■ 86.2185, 91.5915,
77.4257

■ 35.1133, 38.0459,
69.7839

■ 89.2659, 97.6864,
78.4415

■ 30.3753, 32.7361,
69.0087

■ 26.4327, 28.0744,
68.3167

■ 23.2320, 24.0271,
67.7042

■ 20.7121, 20.5566,
67.1671

■ 18.8005, 17.6190,
66.7008

Harmonies

Analogous

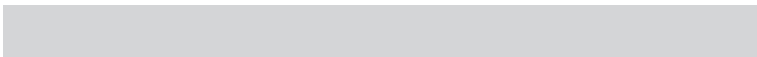
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.6753, 66.3437, 73.3775



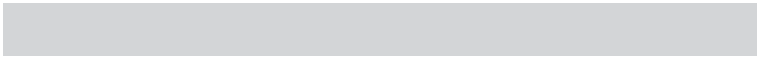
62.9240, 66.3437, 73.7791



63.2093, 66.3437, 73.7653

Triad

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



62.9240, 66.3437, 73.7791



63.5891, 66.3437, 71.8041



62.6624, 66.3437, 71.1451

Complementary

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



62.9240, 66.3437, 73.7791



63.5766, 66.7380, 71.1600

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.



62.9064, 66.3437, 70.7299



62.9240, 66.3437, 73.7791



63.4417, 66.3437, 71.1084

Square

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



62.9240, 66.3437, 73.7791



63.5939, 66.3437, 72.6209



63.1916, 66.3437, 70.7166



62.5245, 66.3437, 71.8545

Rectangle

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



62.9240, 66.3437, 73.7791



63.3818, 66.3437, 73.5223



63.1916, 66.3437, 70.7166



62.7347, 66.3437, 70.9667

Sweetspot

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



62.9259, 66.3465, 73.7806



93.7134, 98.7102, 108.7215



63.1672, 67.2515, 72.5590



20.0726, 21.1417, 23.2728



0.0000, 0.0000, 0.0000



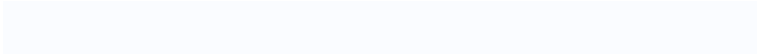
20.3446, 21.4041, 23.3091

Same Dimension

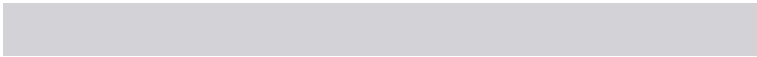
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9259, 66.3465, 73.7806



92.3918, 97.4321, 108.5445



62.4416, 65.3780, 73.6191



13.6371, 14.3788, 15.9942



10.6303, 9.5224, 39.7309



0.7240, 0.7399, 2.4240

Inverse Universe

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



63.3303, 65.8410, 72.3249



93.0374, 96.6262, 106.2206



64.0667, 67.7182, 71.3234



13.7259, 14.2678, 15.6746



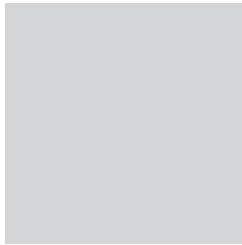
18.4246, 9.3061, 9.5397



1.1531, 0.5780, 0.7954

Previews

White Background



This preview shows how the XYZ color 62.9240, 66.3437, 73.7791 looks on a white background.

Color Contrast Check

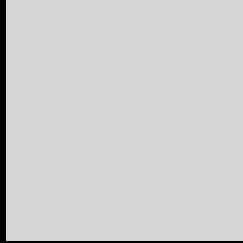
Large Text (above 18pt) WCAG AA × Fail

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 62.9240, 66.3437, 73.7791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

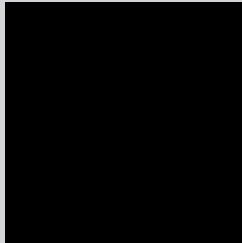
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

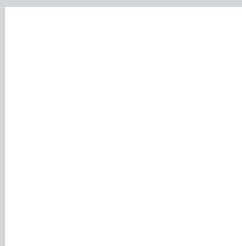
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9240, 66.3437, 73.7791

Background



This preview shows how black text looks on a background with the XYZ color 62.9240, 66.3437, 73.7791.

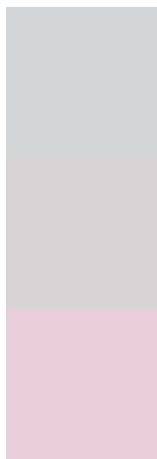


This preview shows how white text looks on a background with the XYZ color 62.9240, 66.3437,

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

62.9240, 66.3437, 73.7791

Protanopia

64.0000, 66.5409, 73.0889

Deuteranopia

67.4210, 66.0894, 74.1688



Tritanopia

64.7384, 66.3361, 82.7909

Trichromacy



Original Color

62.9240, 66.3437, 73.7791

Protanomaly

63.4126, 66.2381, 73.0614

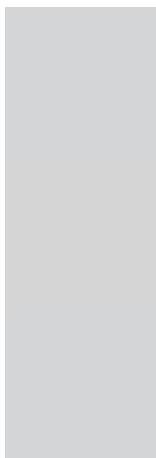
Deuteranomaly

65.9356, 66.4061, 74.3082

Tritanomaly

64.0141, 66.4117, 79.2569

Monochromacy



Original Color

62.9240, 66.3437, 73.7791

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.0832, 66.4406, 73.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9240, 66.3437, 73.7791 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(211, 213, 215) looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 215)  
}
```

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(211, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 215) }
```

Border

The CSS property to change the border of an element to XYZ 62.9240, 66.3437, 73.7791 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(211, 213, 215) }
```


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

```
.border{ border-color:rgb(211, 213, 215) }
```

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

Here you see how a box with a 4 pixel rgb(211, 213, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9240, 66.3437, 73.7791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 215) }
```

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

```
.background{ background-color: rgb(211,  
213, 215) }
```

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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