

Converting Colors

XYZ(62.7032, 65.5011, 74.4021)

Have a look what the booklet for
XYZ(62.7032, 65.5011, 74.4021)
contains.

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Color

**XYZ(62.5529, 65.3953,
74.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D3D8
RGB	211, 211, 216
RGB Percent	83%, 83%, 85%
CMY	0.1725, 0.1725, 0.1529
CMYK	0.02, 0.02, 0.00, 0.15
HSL	240°, 6%, 84%
HSV	240°, 2%, 85%
XYZ	62.5529, 65.3953, 74.2914
YIQ	211.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

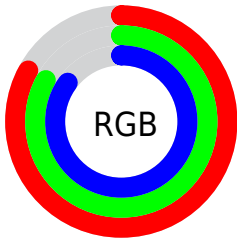
Format	Color
R _Y B	211, 211, 216
Decimal	13882328
CIE Lab	84.69, 0.92, -2.47
CIE LCh	85, 2.639, 290.427
Yxy	65.3953, 0.3093, 0.3234
Android (android.graphics.Color)	4292072408 (0xFFD3D3D8)
YUV	211.5700, 2.1840, -0.4999
Hunter-Lab	80.8674, -3.4437, 2.1385

Details

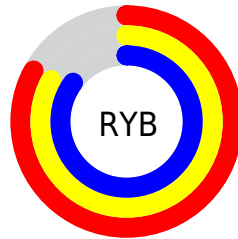
The XYZ color **62.5529, 65.3953, 74.2914** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6327, 68.4130, 71.4275**, and the grayscale version is **62.2823, 65.5258, 71.3576**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3946, 33.8552, 38.5455** is the 20% darker color. If you saturate the color by 10%, you get **51.7690, 52.4045, 72.3533**, and if you desaturate by 10%, it is **74.8921, 80.2603, 76.5113**.

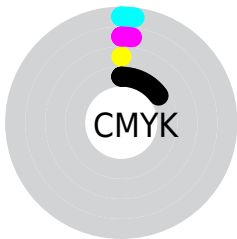
Distribution



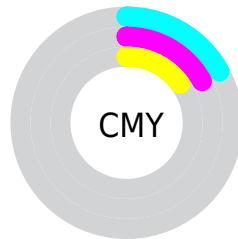
- Red (83%)
- Green (83%)
- Blue (85%)



- Red (83%)
- Yellow (83%)
- Blue (85%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5529, 65.3953, 74.2914 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 62.5529, 65.3953, 74.2914 by changing the saturation by 10% instead.

■ 62.5529, 65.3953,
74.2914

■ 62.5529, 65.3953,
74.2914

423.6305,
444.2111, 494.6688

■ 45.7369, 47.7817,
54.5343

107.6097,
112.6180, 127.0467

■ 32.2420, 33.6540,
38.6329

136.5811,
142.9958, 160.8819

■ 21.7028, 22.6279,
26.1687

170.3351,
178.3972, 200.2470

■ 13.7541, 14.3190,
16.7230

209.2370,
219.2066, 245.5605

■ 8.0304, 8.3429,
9.8773

253.6521,
265.8082, 297.2409

■ 4.1664, 4.3151,
5.2131

303.9459,

■ 1.7967, 1.8514,

318.5866, 355.7067

2.3119

360.4835,
377.9261, 421.3764

■ 0.5157, 0.5189,
0.7379

■ 0.0000, 0.0000,
0.0000

■ 62.5529, 65.3953,
74.2914

■ 62.5529, 65.3953,
74.2914

■ 51.7690, 52.4045,
72.3533

■ 74.8921, 80.2603,
76.5113

■ 42.4734, 41.2057,
70.6816

■ 88.8389, 97.0611,
79.0191

■ 34.6024, 31.7228,
69.2661

■ 89.3949, 97.7379,
79.1204

■ 28.0857, 23.8710,
68.0940

■ 22.8469, 17.5585,
67.1517

■ 18.8022, 12.6842,
66.4240

■ 15.8576, 9.1350,
65.8942

■ 13.9053, 6.7812,
65.5427

■ 12.8154, 5.4665,
65.3464

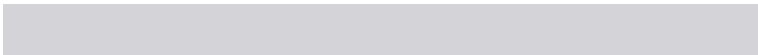
Harmonies

Analogous

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



61.9679, 65.3953, 74.4551



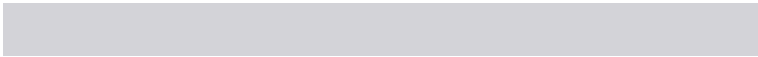
62.5529, 65.3953, 74.2914



63.0345, 65.3953, 73.2934

Triad

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



62.5529, 65.3953, 74.2914



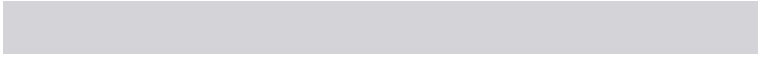
62.8815, 65.3953, 68.7302



61.0448, 65.3953, 70.6656

Complementary

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



62.5529, 65.3953, 74.2914



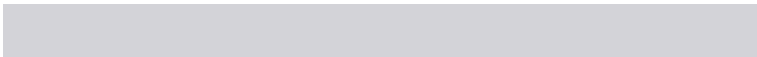
64.6327, 68.4130, 71.4275

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.



61.2863, 65.3953, 69.1554



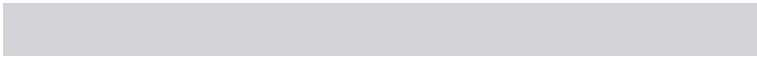
62.5529, 65.3953, 74.2914



62.3450, 65.3953, 68.0497

Square

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



62.5529, 65.3953, 74.2914



63.2250, 65.3953, 70.0769



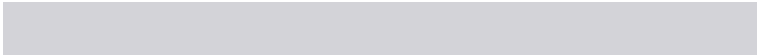
61.7613, 65.3953, 68.2041



61.0996, 65.3953, 72.3439

Rectangle

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



62.5529, 65.3953, 74.2914



63.2309, 65.3953, 72.2979



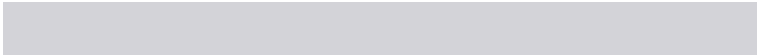
61.7613, 65.3953, 68.2041



61.0939, 65.3953, 70.1219

Sweetspot

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



62.5548, 65.3981, 74.2928



93.3105, 97.9045, 108.5872



63.8047, 67.9152, 74.6563



19.9906, 20.9777, 23.2454



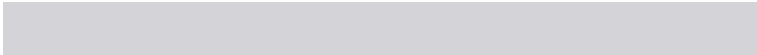
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



62.5548, 65.3981, 74.2928



89.9009, 93.7970, 107.9741



63.2515, 65.7559, 74.3252



13.0638, 13.6009, 15.8742



7.3377, 2.9372, 38.6334



0.4428, 0.1777, 2.3303

Inverse Universe

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



63.3725, 65.8918, 71.0097



91.4513, 94.7332, 101.7489



63.9248, 68.0494, 71.3946



13.3465, 13.7716, 14.7392



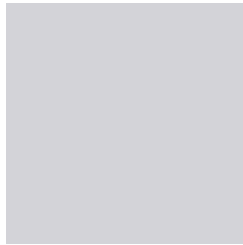
16.7626, 8.6414, 0.7880



1.0112, 0.5213, 0.0482

Previews

White Background



This preview shows how the XYZ color 62.5529, 65.3953, 74.2914 looks on a white background.

Color Contrast Check

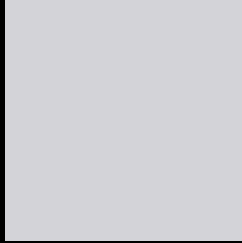
Large Text (above 18pt) WCAG AA × Fail

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 62.5529, 65.3953, 74.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

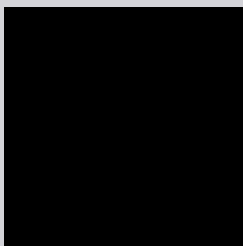
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

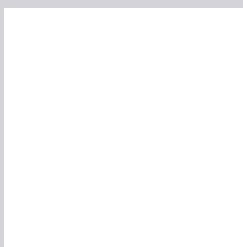
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5529, 65.3953, 74.2914

Background



This preview shows how black text looks on a background with the XYZ color 62.5529, 65.3953, 74.2914.

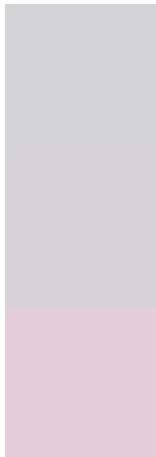


This preview shows how white text looks on a background with the XYZ color 62.5529, 65.3953,

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

62.5529, 65.3953, 74.2914

Protanopia

63.1728, 65.3472, 74.2495

Deuteranopia

66.6688, 65.3304, 74.7418



Tritanopia

63.9685, 65.2380, 81.1722

Trichromacy



Original Color

62.5529, 65.3953, 74.2914

Protanomaly

62.8818, 65.1972, 74.2358

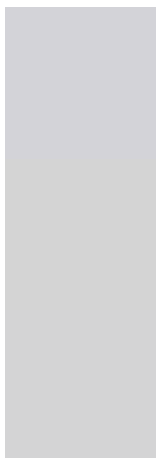
Deuteranomaly

64.9614, 65.1650, 74.7999

Tritanomaly

63.3828, 65.3642, 78.3832

Monochromacy



Original Color

62.5529, 65.3953, 74.2914

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.7051, 65.8881, 72.3636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5529, 65.3953, 74.2914 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, 211, 216) looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 216)  
}
```

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, 211, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 216) }
```

Border

The CSS property to change the border of an element to XYZ 62.5529, 65.3953, 74.2914 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, 211, 216) }
```


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

```
.border{ border-color:rgb(211, 211, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 216);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5529, 65.3953, 74.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 216) }
```

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

```
.background{ background-color: rgb(211,  
211, 216) }
```

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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