

Converting Colors

XYZ(61.3413, 64.2187, 72.6878)

Have a look what the booklet for
XYZ(61.3413, 64.2187, 72.6878)
contains.

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Color

**XYZ(61.2326, 64.0113,
72.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1D6
RGB	209, 209, 214
RGB Percent	82%, 82%, 84%
CMY	0.1804, 0.1804, 0.1608
CMYK	0.02, 0.02, 0.00, 0.16
HSL	240°, 6%, 83%
HSV	240°, 2%, 84%
XYZ	61.2326, 64.0113, 72.7464
YIQ	209.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

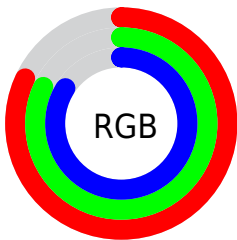
Format	Color
R _Y B	209, 209, 214
Decimal	13750742
CIE Lab	83.97, 0.92, -2.48
CIE LCh	84, 2.644, 290.431
Yxy	64.0113, 0.3093, 0.3233
Android (android.graphics.Color)	4291940822 (0xFFD1D1D6)
YUV	209.5700, 2.1840, -0.4999
Hunter-Lab	80.0071, -3.3992, 2.0955

Details

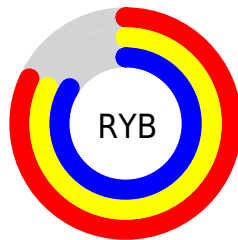
The XYZ color **61.2326, 64.0113, 72.7464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2869, 66.9920, 69.9179**, and the grayscale version is **60.9652, 64.1402, 69.8487**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4969, 32.9145, 37.4939** is the 20% darker color. If you saturate the color by 10%, you get **50.6807, 51.2998, 70.8499**, and if you desaturate by 10%, it is **73.3058, 78.5562, 74.9185**.

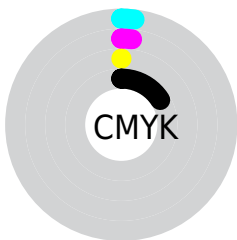
Distribution



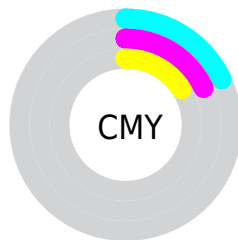
- Red (82%)
- Green (82%)
- Blue (84%)



- Red (82%)
- Yellow (82%)
- Blue (84%)



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



- Cyan (18%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2326, 64.0113, 72.7464 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 61.2326, 64.0113, 72.7464 by changing the saturation by 10% instead.

■ 61.2326, 64.0113,
72.7464

■ 61.2326, 64.0113,
72.7464

418.8886,
439.2304, 489.1826

■ 44.6662, 46.6598,
53.2781

105.7119,
110.6272, 124.8347

■ 31.3947, 32.7668,
37.6355

134.3554,
140.6604, 158.2917

■ 21.0529, 21.9479,
25.4003

167.7553,
175.6897, 197.2488

■ 13.2754, 13.8186,
16.1538

206.2770,
216.0994, 242.1243

■ 7.6967, 7.9946,
9.4775

250.2859,
262.2739, 293.3370

■ 3.9517, 4.0915,
4.9529

300.1472,

■ 1.6748, 1.7249,

314.5977, 351.3052

2.1614

356.2263,
373.4551, 416.4475

■ 0.4404, 0.4397,
0.6520

■ 0.0000, 0.0000,
0.0000

■ 61.2326, 64.0113,
72.7464

■ 61.2326, 64.0113,
72.7464

■ 50.6807, 51.2998,
70.8499

■ 73.3058, 78.5562,
74.9185

■ 41.5845, 40.3411,
69.2141

■ 86.9514, 94.9944,
77.3722

■ 33.8819, 31.0609,
67.8288

■ 89.1378, 97.6351,
77.7667

■ 27.5039, 23.3763,
66.6817

■ 22.3761, 17.1974,
65.7593

■ 18.4164, 12.4256,
65.0470

■ 15.5329, 8.9502,
64.5281

■ 13.6202, 6.6443,
64.1839

■ 12.5516, 5.3553,
63.9914

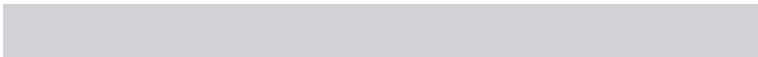
Harmonies

Analogous

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



60.6548, 64.0113, 72.9082



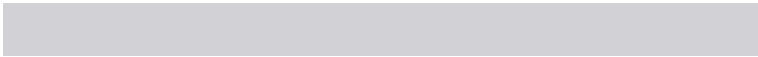
61.2326, 64.0113, 72.7464



61.7082, 64.0113, 71.7605

Triad

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



61.2326, 64.0113, 72.7464



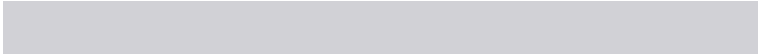
61.5570, 64.0113, 67.2541



59.7432, 64.0113, 69.1656

Complementary

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



61.2326, 64.0113, 72.7464



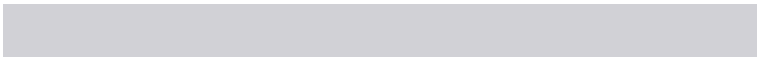
63.2869, 66.9920, 69.9179

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.



59.9816, 64.0113, 67.6742



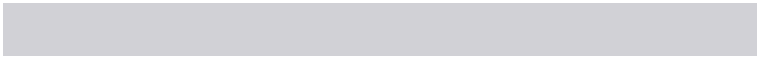
61.2326, 64.0113, 72.7464



61.0272, 64.0113, 66.5823

Square

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



61.2326, 64.0113, 72.7464



61.8963, 64.0113, 68.5838



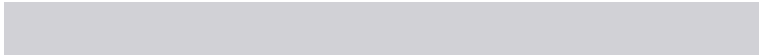
60.4507, 64.0113, 66.7349



59.7974, 64.0113, 70.8231

Rectangle

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



61.2326, 64.0113, 72.7464



61.9022, 64.0113, 70.7772



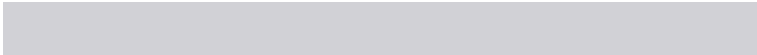
60.4507, 64.0113, 66.7349



59.7917, 64.0113, 68.6287

Sweetspot

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



61.2344, 64.0140, 72.7478



93.3105, 97.9044, 108.5872



62.4690, 66.5002, 73.1068



19.9906, 20.9777, 23.2454



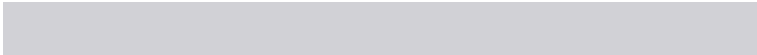
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



61.2344, 64.0140, 72.7478



89.9008, 93.7968, 107.9740



61.9226, 64.3676, 72.7798



13.0638, 13.6008, 15.8742



7.3376, 2.9370, 38.6333



0.4428, 0.1776, 2.3303

Inverse Universe

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



62.0421, 64.5018, 69.5050



91.4513, 94.7331, 101.7486



62.5876, 66.6328, 69.8854



13.3465, 13.7716, 14.7391



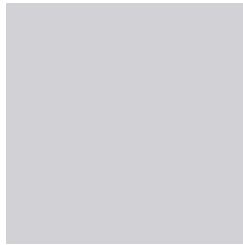
16.7625, 8.6413, 0.7877



1.0112, 0.5213, 0.0481

Previews

White Background



This preview shows how the XYZ color 61.2326, 64.0113, 72.7464 looks on a white background.

Color Contrast Check

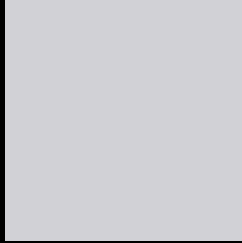
Large Text (above 18pt) WCAG AA × Fail

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 61.2326, 64.0113, 72.7464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

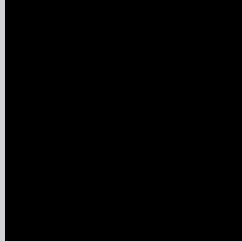
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

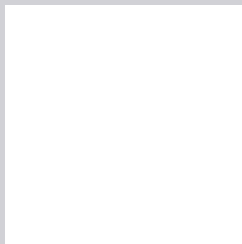
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2326, 64.0113, 72.7464

Background



This preview shows how black text looks on a background with the XYZ color 61.2326, 64.0113, 72.7464.

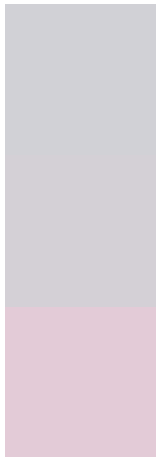


This preview shows how white text looks on a background with the XYZ color 61.2326, 64.0113,

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

61.2326, 64.0113, 72.7464

Protanopia

61.8449, 63.9638, 72.7050

Deuteranopia

65.3002, 63.9491, 73.1917



Tritanopia

62.6313, 63.8563, 79.5455

Trichromacy



Original Color

61.2326, 64.0113, 72.7464

Protanomaly

61.5574, 63.8157, 72.6916

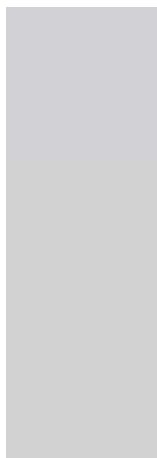
Deuteranomaly

63.6123, 63.7846, 73.2489

Tritanomaly

62.0525, 63.9807, 76.7891

Monochromacy



Original Color

61.2326, 64.0113, 72.7464

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.3828, 64.4980, 70.8421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2326, 64.0113, 72.7464 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(209, 209, 214) looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 214)  
}
```

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(209, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 214) }
```

Border

The CSS property to change the border of an element to XYZ 61.2326, 64.0113, 72.7464 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(209, 209, 214) }
```


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

```
.border{ border-color:rgb(209, 209, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 209, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2326, 64.0113, 72.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 214) }
```

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

```
.background{ background-color: rgb(209,  
209, 214) }
```

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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