

Converting Colors

XYZ(52.4024, 54.8561, 74.1561)

Have a look what the booklet for
XYZ(52.4024, 54.8561, 74.1561)
contains.

XYZ(52.4024, 54.8561, 74.1561)	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(52.4024, 54.8561,
74.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	B9C4DA
RGB	185, 196, 218
RGB Percent	73%, 77%, 85%
CMY	0.2745, 0.2314, 0.1451
CMYK	0.15, 0.10, 0.00, 0.15
HSL	220°, 31%, 79%
HSV	220°, 15%, 85%
XYZ	52.4024, 54.8561, 74.1561
YIQ	195.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

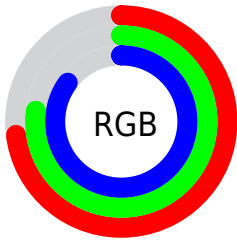
Format	Color
RYB	185, 193, 218
Decimal	12174554
CIELab	78.96, 0.69, -12.24
CIELCh	79, 12.263, 273.216
Yxy	54.8561, 0.2889, 0.3024
Android (android.graphics.Color)	4290364634 (0xFFB9C4DA)
YUV	195.2190, 11.2310, -8.9621
Hunter-Lab	74.0649, -3.3213, -7.5176

Details

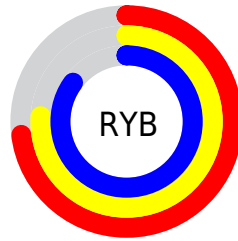
The XYZ color **52.4024, 54.8561, 74.1561** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9836, 63.0337, 54.9053**, and the grayscale version is **51.9446, 54.6497, 59.5136**.

A 20% lighter version of the original color is **89.4509, 96.1713, 108.4561**, and **25.7996, 26.8959, 38.4820** is the 20% darker color. If you saturate the color by 10%, you get **44.4208, 46.1101, 72.8895**, and if you desaturate by 10%, it is **61.5111, 64.6573, 75.5687**.

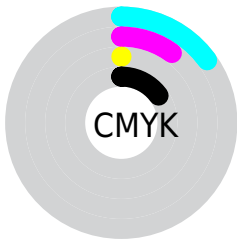
Distribution



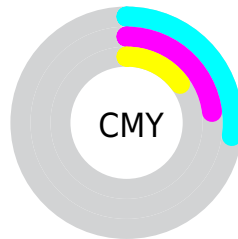
- Red (73%)
- Green (77%)
- Blue (85%)



- Red (73%)
- Yellow (76%)
- Blue (85%)



- Cyan (15%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4024, 54.8561, 74.1561 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 52.4024, 54.8561, 74.1561 by changing the saturation by 10% instead.

■ 52.4024, 54.8561,
74.1561

■ 52.4024, 54.8561,
74.1561

386.2866,
405.3662, 494.1898

■ 37.5515, 39.2865,
54.4243

■ 92.8951, 97.3301,
126.8532

■ 25.8104, 26.9827,
38.5455

119.2677,
125.0033, 160.6554

■ 16.8138, 17.5602,
26.1012

150.2115,
157.4798, 199.9849

■ 10.1963, 10.6347,
16.6729

186.0919,
195.1441, 245.2602

■ 5.5926, 5.8218,
9.8421

227.2742,
238.3804, 296.8998

■ 2.6372, 2.7370,
5.1901

274.1239,

■ 0.9650, 0.9960,

287.5733, 355.3222

2.2986

327.0062,
343.1071, 420.9460

■ 0.0000, 0.0000,
0.7304

■ 0.0000, 0.0000,
0.0000

■ 52.4024, 54.8561,
74.1561

■ 52.4024, 54.8561,
74.1561

■ 44.4208, 46.1101,
72.8895

■ 61.5111, 64.6573,
75.5687

■ 37.5159, 38.3758,
71.7606

■ 71.7850, 75.5418,
77.1281

■ 31.6404, 31.6162,
70.7655

■ 83.2661, 87.5451,
78.8399

■ 26.7416, 25.7894,
69.8990

■ 89.3786, 97.2891,
80.3985

■ 22.7616, 20.8504,
69.1555

■ 89.6551, 97.8420,
80.4907

■ 19.6360, 16.7495,
68.5286

■ 17.2911, 13.4312,
68.0117

■ 15.6383, 10.8313,
67.5970

■ 15.0169, 9.7857,
67.4279

Harmonies

Analogous

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



50.0557, 54.8561, 72.5292



52.4024, 54.8561, 74.1561



54.7486, 54.8561, 71.6756

Triad

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



52.4024, 54.8561, 74.1561



56.1588, 54.8561, 52.6745



48.0665, 54.8561, 53.8828

Complementary

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



52.4024, 54.8561, 74.1561



59.9836, 63.0337, 54.9053

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.



49.6139, 54.8561, 49.1895



52.4024, 54.8561, 74.1561



54.2795, 54.8561, 48.5310

Square

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



52.4024, 54.8561, 74.1561



56.9593, 54.8561, 58.9793



51.8766, 54.8561, 47.3060



47.5987, 54.8561, 60.4850

Rectangle

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



52.4024, 54.8561, 74.1561



55.9831, 54.8561, 68.1315



51.8766, 54.8561, 47.3060



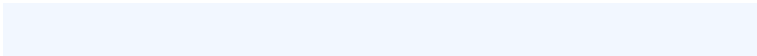
48.4752, 54.8561, 52.0474

Sweetspot

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



52.4040, 54.8584, 74.1573



87.8622, 92.3582, 107.8038



56.2754, 64.9363, 68.2485



18.5972, 19.5454, 23.0424



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.



52.4040, 54.8584, 74.1573



71.1370, 74.3184, 105.2033



51.2277, 50.7018, 73.4170



12.6916, 13.3230, 16.5548



9.0853, 6.0399, 40.4254



0.6663, 0.5468, 2.6449

Inverse Universe

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



56.2275, 53.5901, 59.6075



77.5744, 72.3138, 80.6776



61.2844, 67.8002, 55.7568



13.2342, 13.1228, 14.4946



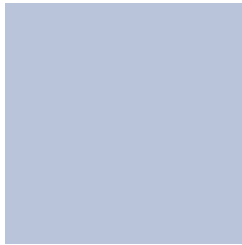
18.0811, 9.2335, 4.8074



1.2106, 0.6139, 0.5180

Previews

White Background



This preview shows how the XYZ color 52.4024, 54.8561, 74.1561 looks on a white background.

Color Contrast Check

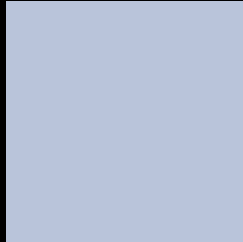
Large Text (above 18pt) WCAG AA × Fail

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 52.4024, 54.8561, 74.1561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

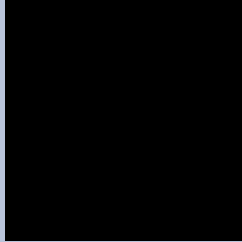
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4024, 54.8561, 74.1561

Background



This preview shows how black text looks on a background with the XYZ color 52.4024, 54.8561, 74.1561.



This preview shows how white text looks on a background with the XYZ color 52.4024, 54.8561,

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

52.4024, 54.8561, 74.1561

Protanopia

53.5544, 54.7998, 73.4004

Deuteranopia

55.8282, 54.6379, 74.6215



Tritanopia

51.7437, 54.9269, 70.8256

Trichromacy



Original Color

52.4024, 54.8561, 74.1561

Protanomaly

53.0258, 54.8588, 73.4397

Deuteranomaly

54.4008, 54.5495, 74.6797

Tritanomaly

51.9992, 55.0291, 72.1710

Monochromacy



Original Color

52.4024, 54.8561, 74.1561

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.7805, 54.4184, 64.2746

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4024, 54.8561, 74.1561 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(185, 196, 218)` looks like.

```
.text, #text, p{  
    color:rgb(185, 196, 218)  
}
```

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(185, 196, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 196, 218) }
```

Border

The CSS property to change the border of an element to XYZ 52.4024, 54.8561, 74.1561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

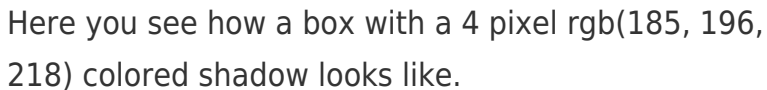
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 196, 218) }
```


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

```
.border{ border-color:rgb(185, 196, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 196, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 196, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 196, 218); box-shadow:4px 4px 4px 4px rgb(185, 196, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4024, 54.8561, 74.1561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 196, 218) }
```

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

```
.background{ background-color: rgb(185,  
196, 218) }
```

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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