

Converting Colors

XYZ(40.4153, 31.5248, 54.5921)

Have a look what the booklet for
XYZ(40.4153, 31.5248, 54.5921)
contains.

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Color

**XYZ(40.3732, 31.5513,
54.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	C482C1
RGB	196, 130, 193
RGB Percent	77%, 51%, 76%
CMY	0.2314, 0.4902, 0.2431
CMYK	0.00, 0.34, 0.02, 0.23
HSL	303°, 36%, 64%
HSV	303°, 34%, 77%
XYZ	40.3732, 31.5513, 54.4142
YIQ	156.9160, 19.1130, 33.5850

Conversions

Conversions Part 2

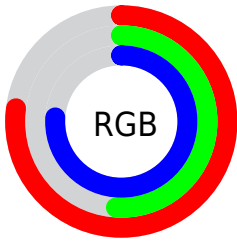
Format	Color
RYB	196, 130, 193
Decimal	12878529
CIELab	62.97, 35.47, -22.56
CIELCh	63, 42.033, 327.543
Yxy	31.5513, 0.3196, 0.2497
Android (android.graphics.Color)	4291068609 (0xFFC482C1)
YUV	156.9160, 17.7894, 34.2767
Hunter-Lab	56.1705, 30.0004, -18.1167

Details

The XYZ color **40.3732, 31.5513, 54.4142** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.1808, 45.9201, 29.3067**, and the grayscale version is **31.9275, 33.5902, 36.5798**.

A 20% lighter version of the original color is **75.2689, 62.2539, 98.4916**, and **18.4407, 13.1188, 25.9863** is the 20% darker color. If you saturate the color by 10%, you get **37.9115, 26.7859, 53.1050**, and if you desaturate by 10%, it is **43.3341, 37.3128, 55.8934**.

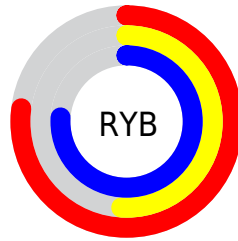
Distribution



Red (77%)

Green (51%)

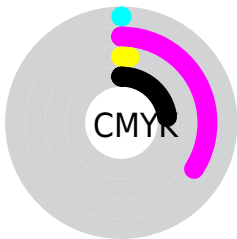
Blue (76%)



Red (77%)

Yellow (51%)

Blue (76%)

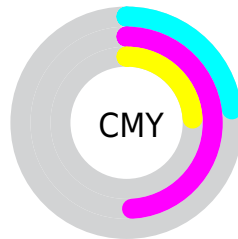


Cyan (0%)

Magenta (34%)

Yellow (2%)

Black (23%)



Cyan (23%)


Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3732, 31.5513, 54.4142 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 40.3732, 31.5513, 54.4142 by changing the saturation by 10% instead.


 40.3732, 31.5513,
54.4142


 40.3732, 31.5513,
54.4142

338.8016,
309.0702, 420.9067


 28.0151, 21.0190,
38.5375


 75.0122, 62.1070,
98.1447

 18.4776, 13.1379,
26.0950


 98.0239, 82.8992,
126.8355

 11.3952, 7.5236,
16.6684


 125.3175,
107.8802, 160.6347

 6.4025, 3.7916,
9.8389

157.2583,
137.4343, 199.9610

 3.1343, 1.5577,
5.1880

194.2118,
171.9459, 245.2328

 1.2252, 0.3288,
2.2974

236.5433,

 0.1261, 0.0000,

211.7996, 296.8686

0.7297

284.6181,
257.3795, 355.2871

■ 0.0000, 0.0000,
0.0000

■ 40.3732, 31.5513,
54.4142

■ 40.3732, 31.5513,
54.4142

■ 37.9115, 26.7859,
53.1050

■ 43.3341, 37.3128,
55.8934

■ 35.9177, 22.9559,
51.9544

■ 46.8171, 44.1184,
57.5493

■ 34.3616, 20.0005,
50.9526


■ 50.8476, 52.0179,
59.3907


■ 33.2084, 17.8498,
50.0881


■ 55.4482, 61.0567,
61.4250


■ 32.4179, 16.4236,
49.3473


■ 60.6404, 71.2777,
63.6596


 31.9415, 15.6247,
48.7143

 66.4445, 82.7215,
66.1011

 31.7446, 15.3276,
48.3500

 68.8617, 87.3905,
67.4165

 68.9657, 87.4321,
67.9640

 69.0702, 87.4739,
68.5146

Harmonies

Analogous

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



35.4245, 31.5513, 70.9911



40.3732, 31.5513, 54.4142



42.5134, 31.5513, 35.7363

Triad

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



40.3732, 31.5513, 54.4142



30.4674, 31.5513, 11.3629



21.1774, 31.5513, 51.2663

Complementary

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



40.3732, 31.5513, 54.4142



33.1808, 45.9201, 29.3067

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.



20.2024, 31.5513, 33.0078



40.3732, 31.5513, 54.4142



25.1392, 31.5513, 13.1608

Square

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



40.3732, 31.5513, 54.4142



36.3545, 31.5513, 13.8936



21.5574, 31.5513, 19.9517



24.4128, 31.5513, 68.8008

Rectangle

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



40.3732, 31.5513, 54.4142



41.8774, 31.5513, 25.6287



21.5574, 31.5513, 19.9517



20.5941, 31.5513, 44.8639

Sweetspot

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



40.3742, 31.5527, 54.4149



87.2618, 84.7213, 105.3859



27.4949, 24.8741, 55.5772



18.4613, 17.7103, 22.4573



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.



40.3742, 31.5527, 54.4149



69.9435, 50.9674, 96.8924



37.1641, 30.2687, 37.5109



10.4769, 10.2394, 12.6018



20.4060, 9.8521, 31.1135



0.8879, 0.4282, 1.3770

Inverse Universe

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



40.3742, 31.5527, 54.4149



69.9435, 50.9674, 96.8924



35.7568, 46.9505, 42.8719



10.4769, 10.2394, 12.6018



20.4060, 9.8521, 31.1135



0.8879, 0.4282, 1.3770

Previews

White Background



This preview shows how the XYZ color 40.3732, 31.5513, 54.4142 looks on a white background.

Color Contrast Check

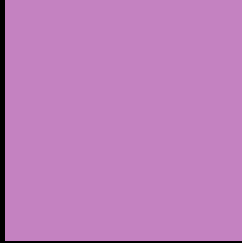
Large Text (above 18pt) WCAG AA × Fail

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 40.3732, 31.5513, 54.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

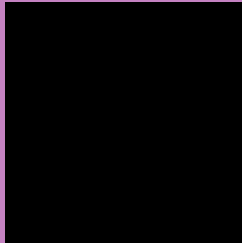
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3732, 31.5513, 54.4142

Background



This preview shows how black text looks on a background with the XYZ color 40.3732, 31.5513, 54.4142.



This preview shows how white text looks on a background with the XYZ color 40.3732, 31.5513,

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

40.3732, 31.5513, 54.4142

Protanopia

32.6051, 31.9215, 64.1175

Deuteranopia

32.4861, 31.8764, 52.5847



Tritanopia

35.8926, 31.5823, 32.6380

Trichromacy



Original Color

40.3732, 31.5513, 54.4142

Protanomaly

34.7025, 31.2258, 60.6981

Deuteranomaly

34.8426, 31.4696, 52.9530

Tritanomaly

37.3339, 31.5314, 39.7158

Monochromacy



Original Color

40.3732, 31.5513, 54.4142

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.4840, 32.4276, 42.4719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3732, 31.5513, 54.4142 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(196, 130, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 193)  
}
```

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(196, 130, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 193) }
```

Border

The CSS property to change the border of an element to XYZ 40.3732, 31.5513, 54.4142 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(196, 130, 193) }
```


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

```
.border{ border-color:rgb(196, 130, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 130, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3732, 31.5513, 54.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 193) }
```

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

```
.background{ background-color: rgb(196,  
130, 193) }
```

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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