

Converting Colors

XYZ(40.5467, 42.5592, 60.5135)

Have a look what the booklet for
XYZ(40.5467, 42.5592, 60.5135)
contains.

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Color

**XYZ(40.4532, 42.4071,
60.6969)**

Conversions

Conversions Part 1

Format	Color
Hex	A1AFC8
RGB	161, 175, 200
RGB Percent	63%, 69%, 78%
CMY	0.3686, 0.3137, 0.2157
CMYK	0.19, 0.12, 0.00, 0.22
HSL	218°, 26%, 71%
HSV	218°, 19%, 78%
XYZ	40.4532, 42.4071, 60.6969
YIQ	173.6640, -16.3690, 4.8070

Conversions

Conversions Part 2

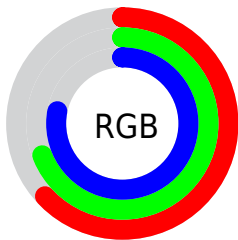
Format	Color
R_{YB}	161, 171, 200
Decimal	10596296
CIE _{Lab}	71.15, 0.45, -14.34
CIE _{LCh}	71, 14.348, 271.816
Yxy	42.4071, 0.2818, 0.2954
Android (android.graphics.Color)	4288786376 (0xFFA1AFC8)
YUV	173.6640, 12.9836, -11.1063
Hunter-Lab	65.1207, -3.0765, -9.6778

Details

The XYZ color **40.4532, 42.4071, 60.6969** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.8117, 49.9704, 40.8444**, and the grayscale version is **40.0024, 42.0856, 45.8312**.

A 20% lighter version of the original color is **74.6657, 78.4126, 105.8076**, and **18.5779, 19.4925, 29.9774** is the 20% darker color. If you saturate the color by 10%, you get **34.3631, 35.7386, 59.7314**, and if you desaturate by 10%, it is **47.4275, 49.8852, 61.7734**.

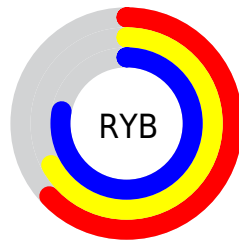
Distribution



Red (63%)

Green (69%)

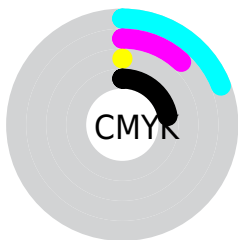
Blue (78%)



Red (63%)

Yellow (67%)

Blue (78%)

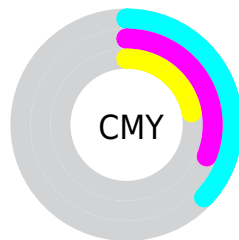


Cyan (19%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4532, 42.4071, 60.6969 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 40.4532, 42.4071, 60.6969 by changing the saturation by 10% instead.

■ 40.4532, 42.4071,
60.6969

■ 40.4532, 42.4071,
60.6969

339.1318,
356.1678, 445.0375

■ 28.0779, 29.4202,
43.5516

■ 75.1331, 78.8154,
107.3932

■ 18.5251, 19.3989,
29.9836

■ 98.1684, 103.0055,
137.7813

■ 11.4296, 11.9589,
19.5742

125.4877,
131.6989, 173.4208

■ 6.4260, 6.7157,
11.9049

157.4563,
165.2799, 214.7302

■ 3.1489, 3.2849,
6.5572

194.4397,
204.1329, 262.1280

■ 1.2330, 1.2822,
3.1125

236.8032,

■ 0.1322, 0.1274,

248.6423, 316.0328

1.1524

284.9121,
299.1924, 376.8631

■ 0.0000, 0.0000,
0.0000

■ 40.4532, 42.4071,
60.6969

■ 40.4532, 42.4071,
60.6969

■ 34.3631, 35.7386,
59.7314

■ 47.4275, 49.8852,
61.7734

■ 29.1161, 29.8457,
58.8705

■ 55.3169, 58.1949,
62.9615

■ 24.6736, 24.6992,
58.1113

■ 64.1557, 67.3641,
64.2655

■ 20.9922, 20.2662,
57.4497

■ 73.9750, 77.4176,
65.6885

■ 18.0242, 16.5107,
56.8812

■ 82.5617, 87.2226,
67.1285

■ 15.7157, 13.3932,
56.4011

■ 86.4511, 95.0014,
68.4250

■ 14.0043, 10.8687,
56.0041

■ 87.4255, 96.9502,
68.7498

■ 12.7844, 8.8694,
55.6825

■ 12.7303, 8.7798,
55.6680

Harmonies

Analogous

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



38.1644, 42.4071, 58.8421



40.4532, 42.4071, 60.6969



42.7909, 42.4071, 58.3508

Triad

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



40.4532, 42.4071, 60.6969



44.3601, 42.4071, 39.5459



36.3712, 42.4071, 40.2042

Complementary

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



40.4532, 42.4071, 60.6969



47.8117, 49.9704, 40.8444

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.



37.9205, 42.4071, 35.8215



40.4532, 42.4071, 60.6969



42.5277, 42.4071, 35.4688

Square

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



40.4532, 42.4071, 60.6969



45.1015, 42.4071, 45.7563



40.1605, 42.4071, 34.1750



35.8643, 42.4071, 46.5945

Rectangle

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



40.4532, 42.4071, 60.6969



44.0471, 42.4071, 54.8434



40.1605, 42.4071, 34.1750



36.7842, 42.4071, 38.4702

Sweetspot

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



40.4545, 42.4088, 60.6979



86.5943, 91.1145, 107.6306



44.1841, 52.4189, 54.0773



18.3455, 19.3022, 23.0087



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.



40.4545, 42.4088, 60.6979



65.8240, 68.8385, 104.4256



38.9389, 37.7894, 59.8861



10.3631, 10.9004, 13.4753



8.1719, 5.7378, 35.4212



0.4555, 0.4087, 1.7000

Inverse Universe

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



44.3032, 40.8652, 46.1121



73.6364, 65.9289, 74.7679



49.5421, 55.4580, 41.8124



10.7886, 10.6988, 11.8699



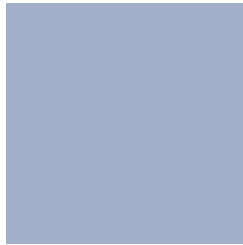
15.9241, 8.1192, 4.8104



0.7886, 0.3983, 0.4099

Previews

White Background



This preview shows how the XYZ color 40.4532, 42.4071, 60.6969 looks on a white background.

Color Contrast Check

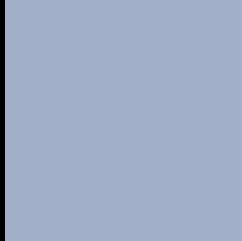
Large Text (above 18pt) WCAG AA × Fail

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 40.4532, 42.4071, 60.6969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

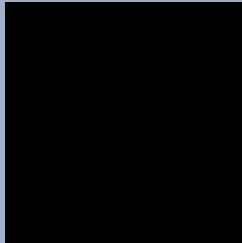
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.4532, 42.4071, 60.6969

Background



This preview shows how black text looks on a background with the XYZ color 40.4532, 42.4071, 60.6969.

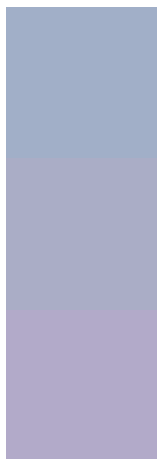


This preview shows how white text looks on a background with the XYZ color 40.4532, 42.4071,

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

40.4532, 42.4071, 60.6969

Protanopia

41.7142, 42.5104, 59.4328

Deuteranopia

43.2774, 42.4315, 61.1675



Tritanopia

39.4242, 42.5768, 55.4305

Trichromacy



Original Color

40.4532, 42.4071, 60.6969

Protanomaly

41.3812, 42.6111, 60.0766

Deuteranomaly

42.3084, 42.4927, 61.2304

Tritanomaly

39.7601, 42.4193, 57.1311

Monochromacy



Original Color

40.4532, 42.4071, 60.6969

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

40.0455, 42.1260, 50.8203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4532, 42.4071, 60.6969 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(161, 175, 200)` looks like.

```
.text, #text, p{  
    color:rgb(161, 175, 200)  
}
```

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(161, 175, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 175, 200) }
```

Border

The CSS property to change the border of an element to XYZ 40.4532, 42.4071, 60.6969 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(161, 175, 200) }
```


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

```
.border{ border-color:rgb(161, 175, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 175, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 175, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 175, 200);  
box-shadow:4px 4px 4px 4px rgb(161, 175,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4532, 42.4071, 60.6969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 175, 200) }
```

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

```
.background{ background-color: rgb(161,  
175, 200) }
```

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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