

Converting Colors

XYZ(40.7695, 41.3063, 66.1457)

Have a look what the booklet for
XYZ(40.7695, 41.3063, 66.1457)
contains.

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Color

**XYZ(40.7695, 41.3063,
66.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	A1ABD1
RGB	161, 171, 209
RGB Percent	63%, 67%, 82%
CMY	0.3686, 0.3294, 0.1804
CMYK	0.23, 0.18, 0.00, 0.18
HSL	227°, 34%, 73%
HSV	227°, 23%, 82%
XYZ	40.7695, 41.3063, 66.1457
YIQ	172.3420, -18.1580, 9.6980

Conversions

Conversions Part 2

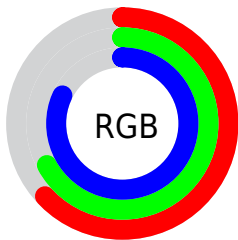
Format	Color
RYB	161, 169, 209
Decimal	10595281
CIELab	70.39, 4.71, -20.44
CIElCh	70, 20.974, 282.981
Yxy	41.3063, 0.2751, 0.2787
Android (android.graphics.Color)	4288785361 (0xFFA1ABD1)
YUV	172.3420, 18.0724, -9.9469
Hunter-Lab	64.2700, 0.7586, -16.0314

Details

The XYZ color **40.7695, 41.3063, 66.1457** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **53.1515, 56.9758, 41.9155**, and the grayscale version is **39.3048, 41.3517, 45.0320**.

A 20% lighter version of the original color is **73.5653, 76.2116, 105.4408**, and **18.7362, 18.7780, 33.2089** is the 20% darker color. If you saturate the color by 10%, you get **33.9726, 33.4505, 64.9883**, and if you desaturate by 10%, it is **48.6642, 50.3107, 67.4683**.

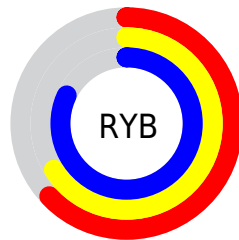
Distribution



Red (63%)

Green (67%)

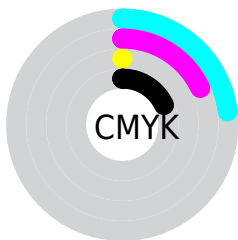
Blue (82%)



Red (63%)

Yellow (66%)

Blue (82%)

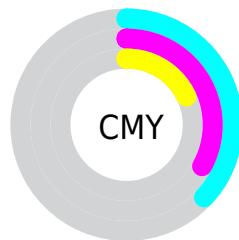


Cyan (23%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (37%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.7695, 41.3063, 66.1457 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 40.7695, 41.3063, 66.1457 by changing the saturation by 10% instead.

■ 40.7695, 41.3063,
66.1457

■ 40.7695, 41.3063,
66.1457

340.4354,
351.5992, 465.3162

■ 28.3259, 28.5585,
47.9335

■ 75.6108, 77.1486,
115.3244

■ 18.7132, 18.7471,
33.4146

■ 98.7392, 101.0120,
147.1280

■ 11.5660, 11.4877,
22.1705

126.1599,
129.3493, 184.2991

■ 6.5190, 6.3959,
13.7827

158.2382,
162.5450, 227.2562

■ 3.2068, 3.0873,
7.8327

195.3396,
200.9834, 276.4180

■ 1.2640, 1.1775,
3.9018

237.8293,

■ 0.1560, 0.0432,

245.0490, 332.2028

1.5716

286.0728,
295.1261, 395.0294

■ 0.0000, 0.0000,
0.2705

■ 0.0000, 0.0000,
0.0000

■ 40.7695, 41.3063,
66.1457

■ 40.7695, 41.3063,
66.1457

■ 33.9726, 33.4505,
64.9883

■ 48.6642, 50.3107,
67.4683

■ 28.2203, 26.6917,
63.9869

■ 57.6990, 60.5030,
68.9594

■ 23.4605, 20.9812,
63.1355

■ 67.9187, 71.9263,
70.6257

■ 19.6353, 16.2649,
62.4268

■ 79.3645, 84.6204,
72.4727

■ 16.6803, 12.4837,
61.8527

■ 88.1052, 96.5763,
74.3197

■ 14.5225, 9.5714,
61.4043

■ 88.5087, 97.3835,
74.4542

■ 13.0759, 7.4526,
61.0716

■ 12.3926, 6.3713,
60.8989

Harmonies

Analogous

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



37.3505, 41.3063, 65.6986



40.7695, 41.3063, 66.1457



43.9590, 41.3063, 60.3560

Triad

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



40.7695, 41.3063, 66.1457



44.3164, 41.3063, 33.2264



33.2525, 41.3063, 39.6407

Complementary

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



40.7695, 41.3063, 66.1457



53.1515, 56.9758, 41.9155

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.



34.9091, 41.3063, 32.4588



40.7695, 41.3063, 66.1457



41.2343, 41.3063, 29.1447

Square

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



40.7695, 41.3063, 66.1457



46.0861, 41.3063, 40.8414



37.7890, 41.3063, 28.8860



33.1443, 41.3063, 49.3797

Rectangle

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



40.7695, 41.3063, 66.1457



45.4718, 41.3063, 54.1705



37.7890, 41.3063, 28.8860



33.6421, 41.3063, 36.8848

Sweetspot

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



40.7708, 41.3080, 66.1466



84.4417, 88.0835, 107.1590



47.7618, 57.2838, 62.3301



17.8875, 18.6432, 22.9057



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.



40.7708, 41.3080, 66.1466



58.0247, 57.9674, 102.7383



41.8441, 39.1622, 65.6759



11.3604, 11.8111, 14.9247



7.6989, 4.0443, 37.5673



0.4890, 0.3432, 2.1200

Inverse Universe

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



46.3911, 41.9866, 44.1889



68.5456, 59.4743, 61.5817



51.8435, 59.8304, 42.5355



11.9081, 11.8480, 12.7917



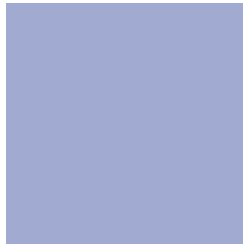
16.5168, 8.4795, 2.3615



0.9531, 0.4859, 0.2877

Previews

White Background



This preview shows how the XYZ color 40.7695, 41.3063, 66.1457 looks on a white background.

Color Contrast Check

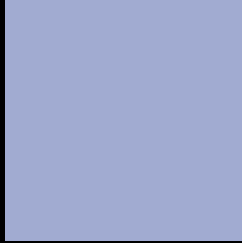
Large Text (above 18pt) WCAG AA × Fail

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 40.7695, 41.3063, 66.1457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

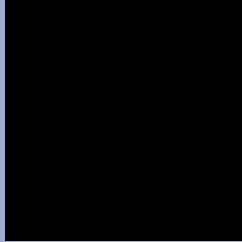
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.7695, 41.3063, 66.1457

Background



This preview shows how black text looks on a background with the XYZ color 40.7695, 41.3063, 66.1457.



This preview shows how white text looks on a background with the XYZ color 40.7695, 41.3063,

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

40.7695, 41.3063, 66.1457

Protanopia

40.9876, 41.1394, 66.1020

Deuteranopia

42.2131, 41.2045, 66.7012



Tritanopia

38.3117, 41.4589, 53.5601

Trichromacy



Original Color

40.7695, 41.3063, 66.1457

Protanomaly

40.7836, 41.0343, 66.0925

Deuteranomaly

41.7572, 41.2446, 66.7329

Tritanomaly

39.2004, 41.5267, 58.1739

Monochromacy



Original Color

40.7695, 41.3063, 66.1457

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6579, 41.3327, 51.7867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.7695, 41.3063, 66.1457 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, 171, 209)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 209)  
}
```

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, 171, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 209) }
```

Border

The CSS property to change the border of an element to XYZ 40.7695, 41.3063, 66.1457 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, 171, 209) }
```


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

```
.border{ border-color:rgb(161, 171, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 171, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 209);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 40.7695, 41.3063, 66.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 209) }
```

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

```
.background{ background-color: rgb(161,  
171, 209) }
```

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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