

Converting Colors

XYZ(40.4949, 36.3480, 62.4486)

Have a look what the booklet for
XYZ(40.4949, 36.3480, 62.4486)
contains.

XYZ(40.3791, 36.2114, 62.6189)	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(40.3791, 36.2114,
62.6189)**

Conversions

Conversions Part 1

Format	Color
Hex	B198CD
RGB	177, 152, 205
RGB Percent	69%, 60%, 80%
CMY	0.3059, 0.4039, 0.1961
CMYK	0.14, 0.26, 0.00, 0.20
HSL	268°, 35%, 70%
HSV	268°, 26%, 80%
XYZ	40.3791, 36.2114, 62.6189
YIQ	165.5170, -2.1130, 21.7830

Conversions

Conversions Part 2

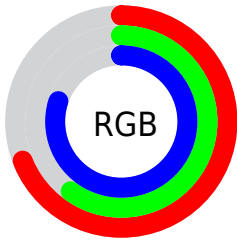
Format	Color
R _Y B	177, 152, 205
Decimal	11638989
CIE _{Lab}	66.68, 19.49, -23.77
CIE _{LCh}	67, 30.736, 309.354
Y _{xy}	36.2114, 0.2901, 0.2601
Android (android.graphics.Color)	4289829069 (0xFFB198CD)
Y _{UV}	165.5170, 19.4651, 10.0706
Hunter-Lab	60.1759, 14.4688, -19.5739

Details

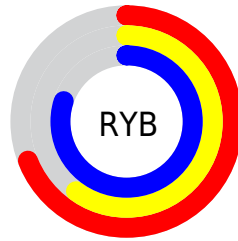
The XYZ color **40.3791, 36.2114, 62.6189** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.3226, 55.6339, 38.0045**, and the grayscale version is **35.9236, 37.7944, 41.1581**.

A 20% lighter version of the original color is **73.7256, 68.6863, 103.9798**, and **18.5518, 15.8268, 31.3553** is the 20% darker color. If you saturate the color by 10%, you get **34.9654, 28.9016, 61.4939**, and if you desaturate by 10%, it is **46.5659, 44.7752, 63.9464**.

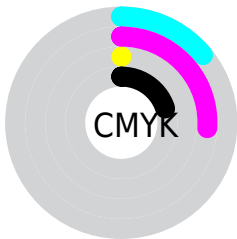
Distribution



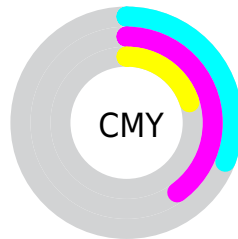
- Red (69%)
- Green (60%)
- Blue (80%)



- Red (69%)
- Yellow (60%)
- Blue (80%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (20%)





- Cyan (31%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3791, 36.2114, 62.6189 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 40.3791, 36.2114, 62.6189 by changing the saturation by 10% instead.


 40.3791, 36.2114,
62.6189


 40.3791, 36.2114,
62.6189

338.8259,
329.8836, 452.2549

 28.0198, 24.5975,
45.0940

 75.0211, 69.3582,
110.1998

 18.4811, 15.7774,
31.1879


 98.0345, 91.6600,
141.0928

 11.3977, 9.3668,
20.4823


125.3300,
118.2931, 177.2789

 6.4043, 4.9812,
12.5586

157.2729,
149.6420, 219.1766

 3.1354, 2.2362,
6.9982

194.2286,
186.0911, 267.2046

 1.2258, 0.7396,
3.3825

236.5624,

 0.1266, 0.0000,

228.0248, 321.7812

1.2931

284.6398,
275.8275, 383.3252

■ 0.0000, 0.0000,
0.0561

■ 0.0000, 0.0000,
0.0000

■ 40.3791, 36.2114,
62.6189

■ 40.3791, 36.2114,
62.6189

■ 34.9654, 28.9016,
61.4939

■ 46.5659, 44.7752,
63.9464

■ 30.2874, 22.7798,
60.5588

■ 53.5543, 54.6457,
65.4832

■ 26.3092, 17.7807,
59.8036

■ 61.3752, 65.8778,
67.2391

■ 22.9904, 13.8306,
59.2160

■ 70.0570, 78.5223,
69.2221

■ 20.2857, 10.8466,
58.7826

■ 79.6267, 92.6268,
71.4402

■ 18.1433, 8.7326,
58.4875

■ 83.3925, 94.8025,
71.6616

■ 16.4996, 7.3699,
58.3111

■ 87.2206, 96.7760,
71.8408

■ 15.9168, 6.9325,
58.2574

■ 88.0196, 97.1878,
71.8782

Harmonies

Analogous

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



35.8856, 36.2114, 70.3256



40.3791, 36.2114, 62.6189



43.4416, 36.2114, 49.1213

Triad

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



40.3791, 36.2114, 62.6189



37.6542, 36.2114, 20.0539



26.3577, 36.2114, 43.7202

Complementary

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



40.3791, 36.2114, 62.6189



46.3226, 55.6339, 38.0045

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.



26.7391, 36.2114, 31.1020



40.3791, 36.2114, 62.6189



32.9907, 36.2114, 19.2377

Square

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



40.3791, 36.2114, 62.6189



41.7730, 36.2114, 25.3663



29.0742, 36.2114, 22.8128



27.9811, 36.2114, 57.9119

Rectangle

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



40.3791, 36.2114, 62.6189



44.1123, 36.2114, 39.7163



29.0742, 36.2114, 22.8128



26.2592, 36.2114, 39.1413

Sweetspot

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



40.3803, 36.2129, 62.6197



85.0293, 85.6807, 106.6643



40.3448, 43.8349, 64.0928



17.8178, 17.7978, 22.7462



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.



40.3803, 36.2129, 62.6197



61.0747, 52.4325, 101.5092



46.9409, 39.5951, 62.9267



11.0965, 11.0991, 14.1279



10.0167, 4.3714, 36.2721



0.6041, 0.2706, 1.8753

Inverse Universe

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



44.6446, 38.7325, 48.3050



69.3730, 57.3380, 73.5445



40.7822, 52.7778, 37.7452



11.4558, 11.3111, 12.9350



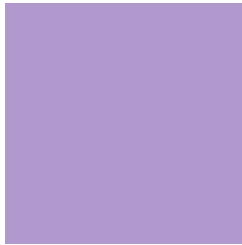
17.4172, 8.7775, 9.9155



0.9367, 0.4681, 0.7126

Previews

White Background



This preview shows how the XYZ color 40.3791, 36.2114, 62.6189 looks on a white background.

Color Contrast Check

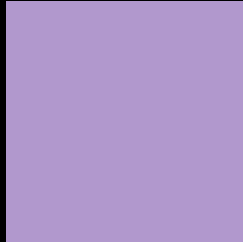
Large Text (above 18pt) WCAG AA × Fail

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 40.3791, 36.2114, 62.6189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

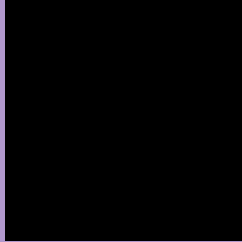
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.3791, 36.2114, 62.6189

Background



This preview shows how black text looks on a background with the XYZ color 40.3791, 36.2114, 62.6189.



This preview shows how white text looks on a background with the XYZ color 40.3791, 36.2114,

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

40.3791, 36.2114, 62.6189

Protanopia

36.7231, 36.2343, 66.6864

Deuteranopia

37.2018, 36.3240, 62.1772



Tritanopia

36.3721, 36.0519, 43.5698

Trichromacy



Original Color

40.3791, 36.2114, 62.6189

Protanomaly

37.8637, 36.0883, 65.2917

Deuteranomaly

38.0974, 36.0291, 62.0731

Tritanomaly

37.6693, 36.0801, 49.7785

Monochromacy



Original Color

40.3791, 36.2114, 62.6189

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.5607, 37.3311, 48.4060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3791, 36.2114, 62.6189 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(177, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(177, 152, 205)  
}
```

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(177, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 152, 205) }
```

Border

The CSS property to change the border of an element to XYZ 40.3791, 36.2114, 62.6189 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(177, 152, 205) }
```


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

```
.border{ border-color:rgb(177, 152, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 152, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(177, 152,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3791, 36.2114, 62.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 152, 205) }
```

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

```
.background{ background-color: rgb(177,  
152, 205) }
```

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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