

Converting Colors

XYZ(42.6165, 40.1246, 76.0245)

Color

**XYZ(42.6664, 40.1482,
76.0216)**

■ 42.6664, 40.1482,
76.0216

■ 42.6664, 40.1482,
76.0216

348.1829,
346.7478, 500.7704

■ 29.8168, 27.6541,
55.9435

■ 78.4661, 75.3891,
129.5178

■ 19.8470, 18.0651,
39.7539

■ 102.1469, 98.9048,
163.7730

■ 12.3915, 10.9967,
27.0344

130.1688,
126.8630, 203.5908

■ 7.0850, 6.0646,
17.3664

162.8972,
159.6484, 249.3900

■ 3.5621, 2.8844,
10.3313

200.6975,
197.6451, 301.5890

■ 1.4575, 1.0717,
5.5107

243.9349,

■ 0.2967, 0.0000,

241.2376, 360.6064

2.4860

292.9749,
290.8104, 426.8607

■ 0.0000, 0.0000,
0.8327

■ 0.0000, 0.0000,
0.0000

■ 42.6664, 40.1482,
76.0216

■ 42.6664, 40.1482,
76.0216

■ 34.8736, 30.6956,
74.6085

■ 51.9076, 51.3973,
77.7065

■ 28.4520, 22.9421,
73.4503

■ 62.6611, 64.5240,
79.6735

■ 23.3234, 16.7881,
72.5328

■ 74.9921, 79.6106,
81.9355

■ 19.3999, 12.1220,
71.8390

■ 88.9605, 96.7327,
84.5042

■ 16.5829, 8.8176,
71.3496

■ 90.4547, 98.1619,
84.7013

■ 14.7579, 6.7281,
71.0425

■ 13.7831, 5.6672,
70.8891

■ 13.5953, 5.4544,
70.8579

Harmonies

Analogous

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



37.2875, 40.1482, 79.9277



42.6664, 40.1482, 76.0216



47.1867, 40.1482, 62.7454

Triad

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



42.6664, 40.1482, 76.0216



44.3275, 40.1482, 23.8080



28.8393, 40.1482, 41.2454

Complementary

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



42.6664, 40.1482, 76.0216



63.1762, 71.3646, 45.5685

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.



30.3642, 40.1482, 28.9827



42.6664, 40.1482, 76.0216



39.0453, 40.1482, 20.5219

Square

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



42.6664, 40.1482, 76.0216



48.2066, 40.1482, 32.4257



33.9820, 40.1482, 22.1684



29.6157, 40.1482, 57.3597

Rectangle

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



42.6664, 40.1482, 76.0216



48.9345, 40.1482, 51.7107



33.9820, 40.1482, 22.1684



29.0953, 40.1482, 36.5884

Sweetspot

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



42.6677, 40.1498, 76.0225



82.1100, 84.1758, 106.5276



54.8867, 65.5178, 80.2750



17.0870, 17.4211, 22.7120



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.



42.6677, 40.1498, 76.0225



51.3114, 46.6644, 100.9105



49.4962, 43.6700, 76.3421



13.0151, 13.2758, 17.2642



7.9416, 3.1894, 41.2454



0.5732, 0.2328, 2.8600

Inverse Universe

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



57.0681, 47.6201, 74.5911



73.6604, 58.2608, 98.5638



55.0958, 67.1990, 45.1904



14.2639, 13.9232, 17.1597



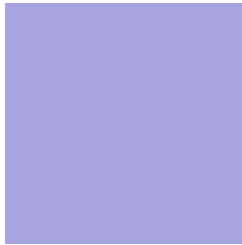
24.8824, 12.0199, 37.6419



1.7339, 0.8368, 2.6578

Previews

White Background



This preview shows how the XYZ color 42.6664, 40.1482, 76.0216 looks on a white background.

Color Contrast Check

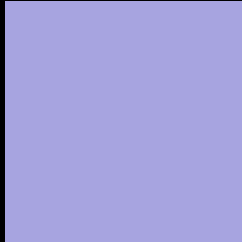
Large Text (above 18pt) WCAG AA × Fail

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 42.6664, 40.1482, 76.0216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

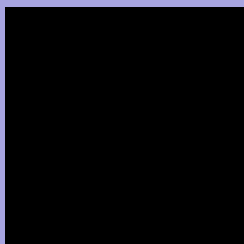
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.6664, 40.1482, 76.0216

Background



This preview shows how black text looks on a background with the XYZ color 42.6664, 40.1482, 76.0216.



This preview shows how white text looks on a background with the XYZ color 42.6664, 40.1482,

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

42.6664, 40.1482, 76.0216

Protanopia

41.0046, 40.3236, 78.2951

Deuteranopia

41.0426, 40.1332, 75.3953



Tritanopia

37.6179, 39.9995, 51.6369

Trichromacy



Original Color

42.6664, 40.1482, 76.0216

Protanomaly

41.6467, 40.3975, 77.5540

Deuteranomaly

41.6534, 40.1772, 75.3716

Tritanomaly

39.2117, 39.8102, 59.6503

Monochromacy



Original Color

42.6664, 40.1482, 76.0216

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.1695, 40.6836, 55.0258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.6664, 40.1482, 76.0216 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(167, 164, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 164, 224)  
}
```

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(167, 164, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 164, 224) }
```

Border

The CSS property to change the border of an element to XYZ 42.6664, 40.1482, 76.0216 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(167, 164, 224) }
```


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

```
.border{ border-color:rgb(167, 164, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 164, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 164, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 164, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 164,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 42.6664, 40.1482, 76.0216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 164, 224) }
```

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

```
.background{ background-color: rgb(167,  
164, 224) }
```

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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