

Converting Colors

XYZ(62.0835, 52.8562, 76.2230)

Have a look what the booklet for
XYZ(62.0835, 52.8562, 76.2230)
contains.

XYZ(62.2526, 53.0385, 76.0636)	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(62.2526, 53.0385,
76.0636)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAEDE
RGB	234, 174, 222
RGB Percent	92%, 68%, 87%
CMY	0.0823, 0.3176, 0.1294
CMYK	0.00, 0.26, 0.05, 0.08
HSL	312°, 59%, 80%
HSV	312°, 26%, 92%
XYZ	62.2526, 53.0385, 76.0636
YIQ	197.4120, 20.3520, 27.6480

Conversions

Conversions Part 2

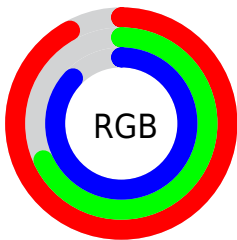
Format	Color
RYB	234, 174, 222
Decimal	15380190
CIELab	77.90, 29.49, -15.57
CIELCh	78, 33.346, 332.169
Yxy	53.0385, 0.3253, 0.2772
Android (android.graphics.Color)	4293570270 (0xFFEAAEDE)
YUV	197.4120, 12.1219, 32.0877
Hunter-Lab	72.8275, 25.1327, -10.9453

Details

The XYZ color **62.2526, 53.0385, 76.0636** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.7435, 71.3911, 57.2995**, and the grayscale version is **53.2417, 56.0144, 60.9997**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **32.1725, 25.9297, 39.8685** is the 20% darker color. If you saturate the color by 10%, you get **57.5015, 44.5255, 71.4281**, and if you desaturate by 10%, it is **67.8118, 63.1381, 81.0556**.

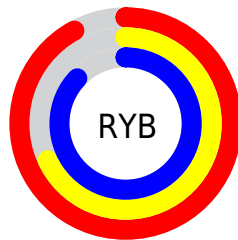
Distribution



Red (92%)

Green (68%)

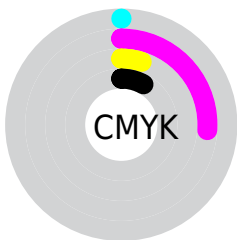
Blue (87%)



Red (92%)

Yellow (68%)

Blue (87%)

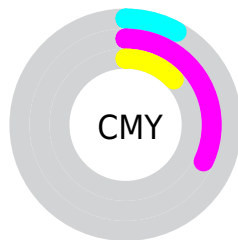


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.2526, 53.0385, 76.0636 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 62.2526, 53.0385, 76.0636 by changing the saturation by 10% instead.


 62.2526, 53.0385,
76.0636

 62.2526, 53.0385,
76.0636


422.5548,
398.4328, 500.9180

 45.4932, 37.8335,
55.9777


 107.1784, 94.6610,
129.5777

 32.0490, 25.8535,
39.7812


136.0755,
121.8473, 163.8430

 21.5547, 16.7141,
27.0555


169.7493,
153.7962, 203.6718

 13.6448, 10.0308,
17.3821

208.5650,
190.8920, 249.4827

 7.9541, 5.4194,
10.3425

252.8881,
233.5192, 301.6943

 4.1171, 2.4954,
5.5180

303.0838,

 1.7686, 0.8743,

282.0621, 360.7250

2.4903

359.5176,
336.9052, 426.9934

■ 0.4987, 0.0000,
0.8350

■ 0.0000, 0.0000,
0.0000

■ 62.2526, 53.0385,
76.0636

■ 62.2526, 53.0385,
76.0636

■ 57.5015, 44.5255,
71.4281

■ 67.8118, 63.1381,
81.0556

■ 53.5126, 37.5103,
67.1313

■ 74.2123, 74.8930,
86.4140

■ 50.2430, 31.9062,
63.1588

■ 81.4913, 88.3766,
92.1526

■ 47.6433, 27.6146,
59.4935

■ 85.5280, 95.3470,
96.8983

45.6578, 24.5243,
56.1160

86.2352, 95.6299,
100.6228

44.2213, 22.5056,
53.0040

86.9606, 95.9201,
104.4426

43.2540, 21.3986,
50.1301

87.7042, 96.2175,
108.3584

42.9228, 21.0889,
48.9324

87.7421, 96.2327,
108.5580

Harmonies

Analogous

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



57.3407, 53.0385, 93.5293



62.2526, 53.0385, 76.0636



63.9159, 53.0385, 56.4101

Triad

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



62.2526, 53.0385, 76.0636



49.9415, 53.0385, 28.9267



40.5827, 53.0385, 78.9086

Complementary

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



62.2526, 53.0385, 76.0636



55.7435, 71.3911, 57.2995

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.



38.9573, 53.0385, 59.1108



62.2526, 53.0385, 76.0636



44.0643, 53.0385, 32.5038

Square

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



62.2526, 53.0385, 76.0636



56.4554, 53.0385, 31.5920



40.1760, 53.0385, 42.6404



44.8151, 53.0385, 95.4039

Rectangle

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



62.2526, 53.0385, 76.0636



62.8533, 53.0385, 45.3043



40.1760, 53.0385, 42.6404



39.7305, 53.0385, 72.2886

Sweetspot

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



62.2542, 53.0409, 76.0647



88.2338, 87.4078, 103.4213



50.2394, 46.6545, 84.2003



18.6278, 18.2344, 21.9230



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.



62.2542, 53.0409, 76.0647



72.3634, 58.5342, 89.2917



58.5841, 51.5728, 56.7385



15.5782, 15.2591, 18.3300



24.1660, 11.8691, 27.7393



1.9304, 0.9451, 2.3507

Inverse Universe

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



62.2542, 53.0409, 76.0647



72.3634, 58.5342, 89.2917



59.2750, 72.8037, 75.8959



15.5782, 15.2591, 18.3300



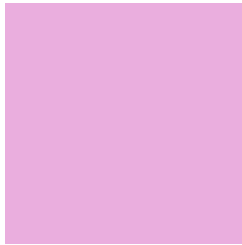
24.1660, 11.8691, 27.7393



1.9304, 0.9451, 2.3507

Previews

White Background



This preview shows how the XYZ color 62.2526, 53.0385, 76.0636 looks on a white background.

Color Contrast Check

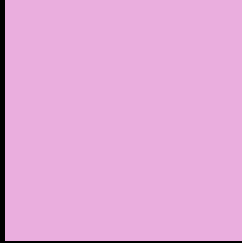
Large Text (above 18pt) WCAG AA × Fail

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 62.2526, 53.0385, 76.0636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

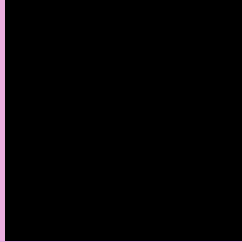
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.2526, 53.0385, 76.0636

Background



This preview shows how black text looks on a background with the XYZ color 62.2526, 53.0385, 76.0636.



This preview shows how white text looks on a background with the XYZ color 62.2526, 53.0385,

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

62.2526, 53.0385, 76.0636

Protanopia

53.1059, 53.3351, 84.5865

Deuteranopia

54.3226, 53.2230, 74.4278



Tritanopia

58.3789, 52.9134, 57.5885

Trichromacy



Original Color

62.2526, 53.0385, 76.0636



Protanomaly

55.8489, 52.9116, 81.3981



Deuteranomaly

57.0031, 53.0313, 74.9418



Tritanomaly

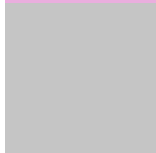
59.5762, 52.7928, 64.1768

Monochromacy



Original Color

62.2526, 53.0385, 76.0636



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.9165, 54.5531, 65.9752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.2526, 53.0385, 76.0636 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(234, 174, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 222)  
}
```

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(234, 174, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.2526, 53.0385, 76.0636 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(234, 174, 222) }
```


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

```
.border{ border-color:rgb(234, 174, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 174, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.2526, 53.0385, 76.0636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 174, 222) }
```

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

```
.background{ background-color: rgb(234,  
174, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor