

Converting Colors

XYZ(62.7485, 53.1103, 78.3177)

Have a look what the booklet for
XYZ(62.7485, 53.1103, 78.3177)
contains.

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Color

**XYZ(62.6583, 53.2008,
78.2005)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAEE1
RGB	234, 174, 225
RGB Percent	92%, 68%, 88%
CMY	0.0823, 0.3176, 0.1176
CMYK	0.00, 0.26, 0.04, 0.08
HSL	309°, 59%, 80%
HSV	309°, 26%, 92%
XYZ	62.6583, 53.2008, 78.2005
YIQ	197.7540, 19.3890, 28.5810

Conversions

Conversions Part 2

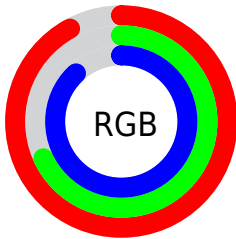
Format	Color
R_{YB}	234, 174, 225
Decimal	15380193
CIE _{Lab}	77.99, 30.02, -17.05
CIE _{LCh}	78, 34.521, 330.404
Yxy	53.2008, 0.3229, 0.2741
Android (android.graphics.Color)	4293570273 (0xFFEAAEE1)
YUV	197.7540, 13.4323, 31.7877
Hunter-Lab	72.9389, 25.6978, -12.5098

Details

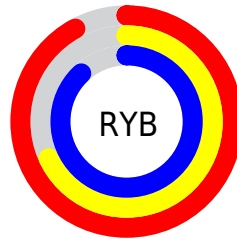
The XYZ color **62.6583, 53.2008, 78.2005** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.4277, 71.2647, 55.6369**, and the grayscale version is **53.4414, 56.2245, 61.2285**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **32.4532, 26.0420, 41.3464** is the 20% darker color. If you saturate the color by 10%, you get **58.0519, 44.7457, 74.3271**, and if you desaturate by 10%, it is **68.0652, 63.2395, 82.3905**.

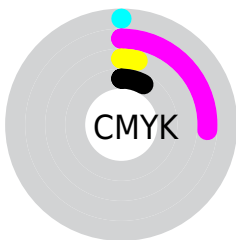
Distribution



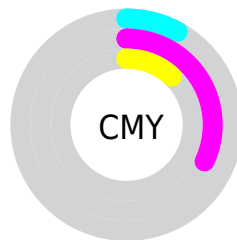
- Red (92%)
- Green (68%)
- Blue (88%)



- Red (92%)
- Yellow (68%)
- Blue (88%)



- Cyan (0%)
- Magenta (26%)
- Yellow (4%)
- Black (8%)





- Cyan (8%)
- Magenta (32%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.6583, 53.2008, 78.2005 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 62.6583, 53.2008, 78.2005 by changing the saturation by 10% instead.


 62.6583, 53.2008,
78.2005

 62.6583, 53.2008,
78.2005


424.0077,
399.0550, 508.3934

 45.8224, 37.9631,
57.7213


 107.7610, 94.8998,
132.6212

 32.3098, 25.9540,
41.1714


136.7585,
122.1298, 167.3997

 21.7549, 16.7893,
28.1323


170.5406,
154.1261, 207.7817

 13.7925, 10.0844,
18.1855

209.4727,
191.2731, 254.1858

 8.0572, 5.4549,
10.9124

253.9201,
233.9550, 307.0305

 4.1837, 2.5166,
5.8946

304.2482,

 1.8066, 0.8849,

282.5564, 366.7343

2.7133

360.8223,
337.4616, 433.7157

■ 0.5216, 0.0000,
0.9501

■ 0.0000, 0.0000,
0.0000

■ 62.6583, 53.2008,
78.2005

■ 62.6583, 53.2008,
78.2005

■ 58.0519, 44.7457,
74.3271

■ 68.0652, 63.2395,
82.3905

■ 54.2003, 37.7854,
70.7529

■ 74.3058, 74.9304,
86.9067

■ 51.0605, 32.2332,
67.4641

■ 81.4171, 88.3469,
91.7623

■ 48.5833, 27.9906,
64.4438

■ 85.2783, 95.2471,
95.5839

46.7130, 24.9464,
61.6732

85.8022, 95.4567,
98.3429

45.3847, 22.9709,
59.1304

86.3362, 95.6703,
101.1551

44.5184, 21.9044,
56.7885

86.8805, 95.8880,
104.0210

44.2290, 21.6114,
55.8112

87.4350, 96.1098,
106.9409

87.7420, 96.2326,
108.5580

Harmonies

Analogous

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



57.3935, 53.2008, 96.0794



62.6583, 53.2008, 78.2005



64.6238, 53.2008, 57.6663

Triad

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



62.6583, 53.2008, 78.2005



50.4748, 53.2008, 28.2345



40.2168, 53.2008, 78.7534

Complementary

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



62.6583, 53.2008, 78.2005



55.4277, 71.2647, 55.6369

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.



38.7104, 53.2008, 58.1877



62.6583, 53.2008, 78.2005



44.3023, 53.2008, 31.5056

Square

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



62.6583, 53.2008, 78.2005



57.2221, 53.2008, 31.3322



40.1387, 53.2008, 41.4997



44.4468, 53.2008, 96.4452

Rectangle

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



62.6583, 53.2008, 78.2005



63.6738, 53.2008, 45.9556



40.1387, 53.2008, 41.4997



39.3927, 53.2008, 71.8145

Sweetspot

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



62.6599, 53.2032, 78.2016



88.3951, 87.4723, 104.2703



49.5182, 46.2827, 84.1663



18.6686, 18.2508, 22.1382



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.



62.6599, 53.2032, 78.2016



72.9546, 58.7707, 92.4049



58.9199, 51.7072, 58.5072



15.6120, 15.2727, 18.5082



24.8914, 12.1592, 31.5591



1.9809, 0.9653, 2.6170

Inverse Universe

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



62.6599, 53.2032, 78.2016



72.9546, 58.7707, 92.4049



58.8905, 72.6498, 73.8715



15.6120, 15.2727, 18.5082



24.8914, 12.1592, 31.5591



1.9809, 0.9653, 2.6170

Previews

White Background



This preview shows how the XYZ color 62.6583, 53.2008, 78.2005 looks on a white background.

Color Contrast Check

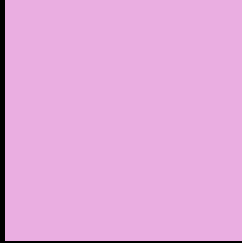
Large Text (above 18pt) WCAG AA × Fail

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 62.6583, 53.2008, 78.2005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

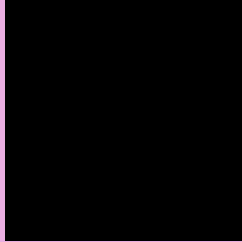
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.6583, 53.2008, 78.2005

Background



This preview shows how black text looks on a background with the XYZ color 62.6583, 53.2008, 78.2005.



This preview shows how white text looks on a background with the XYZ color 62.6583, 53.2008,

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

62.6583, 53.2008, 78.2005

Protanopia

53.4453, 53.4433, 87.6195

Deuteranopia

54.4567, 53.2461, 76.5146



Tritanopia

58.6920, 53.3606, 58.2451

Trichromacy



Original Color

62.6583, 53.2008, 78.2005



Protanomaly

56.4141, 53.1377, 84.3740



Deuteranomaly

57.1167, 53.0436, 77.0401



Tritanomaly

59.8948, 53.2375, 64.8767

Monochromacy



Original Color

62.6583, 53.2008, 78.2005



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

56.4467, 54.7981, 67.2765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.6583, 53.2008, 78.2005 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(234, 174, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 174, 225) }
```

Border

The CSS property to change the border of an element to XYZ 62.6583, 53.2008, 78.2005 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, 225) }
```


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

```
.border{ border-color:rgb(234, 174, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 174, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 174, 225);  
box-shadow:4px 4px 4px 4px rgb(234, 174,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 62.6583, 53.2008, 78.2005 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, 225) }
```

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

```
.background{ background-color: rgb(234,  
174, 225) }
```

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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