

Converting Colors

XYZ(55.6175, 41.7583, 62.8864)

Have a look what the booklet for
XYZ(55.6175, 41.7583, 62.8864)
contains.

XYZ(55.6175, 41.7583, 62.8864)	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(55.6175, 41.7583,
62.8864)**

Conversions

Conversions Part 1

Format	Color
Hex	ED8ECD
RGB	237, 142, 205
RGB Percent	93%, 56%, 80%
CMY	0.0706, 0.4431, 0.1961
CMYK	0.00, 0.40, 0.14, 0.07
HSL	320°, 73%, 74%
HSV	320°, 40%, 93%
XYZ	55.6175, 41.7583, 62.8864
YIQ	177.5870, 36.3970, 39.7330

Conversions

Conversions Part 2

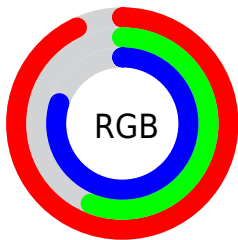
Format	Color
R _Y B	237, 142, 205
Decimal	15568589
CIE Lab	70.70, 44.49, -17.07
CIE LCh	71, 47.648, 339.011
Yxy	41.7583, 0.3470, 0.2606
Android (android.graphics.Color)	4293758669 (0xFFED8ECD)
YUV	177.5870, 13.5146, 52.1052
Hunter-Lab	64.6207, 40.5446, -12.4643

Details

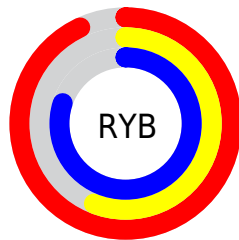
The XYZ color **55.6175, 41.7583, 62.8864** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.0813, 69.3764, 50.8515**, and the grayscale version is **42.0175, 44.2057, 48.1400**.

A 20% lighter version of the original color is **79.2563, 68.4125, 103.6354**, and **27.7487, 18.9628, 31.4758** is the 20% darker color. If you saturate the color by 10%, you get **51.5199, 35.0657, 56.8866**, and if you desaturate by 10%, it is **60.5164, 49.9736, 69.3968**.

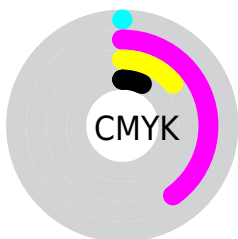
Distribution



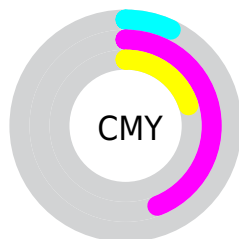
- Red (93%)
- Green (56%)
- Blue (80%)



- Red (93%)
- Yellow (56%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6175, 41.7583, 62.8864 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 55.6175, 41.7583, 62.8864 by changing the saturation by 10% instead.


 55.6175, 41.7583,
62.8864

 55.6175, 41.7583,
62.8864


398.3469,
353.4800, 453.2537

 40.1321, 28.9121,
45.3089


 97.5882, 77.8337,
110.5896

 27.8262, 19.0143,
31.3561


 124.8042,
101.8317, 141.5524

 18.3345, 11.6806,
20.6094


156.6611,
130.3157, 177.8140

 11.2916, 6.5266,
12.6503

193.5243,
163.6701, 219.7930

 6.3320, 3.1679,
7.0603

235.7591,
202.2793, 267.9079

 3.0906, 1.2200,
3.4208

283.7309,

 1.2018, 0.0779,

246.5278, 322.5773

1.3133

337.8050,
296.7999, 384.2197

■ 0.1078, 0.0000,
0.0727

■ 0.0000, 0.0000,
0.0000

■ 55.6175, 41.7583,
62.8864

■ 55.6175, 41.7583,
62.8864

■ 51.5199, 35.0657,
56.8866

■ 60.5164, 49.9736,
69.3968

■ 48.1711, 29.7938,
51.3751

■ 66.2573, 59.7936,
76.4335

■ 45.5182, 25.8374,
46.3310

■ 72.8824, 71.3010,
84.0145

■ 43.4994, 23.0739,
41.7299

■ 80.4301, 84.5715,
92.1560

■ 42.0410, 21.3574,
37.5434

■ 87.1544, 96.1123,
100.2793

■ 41.0252, 20.4446,
33.7560

■ 88.3994, 96.6103,
106.8356

■ 88.7354, 96.7447,
108.6045

Harmonies

Analogous

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



50.0331, 41.7583, 88.3077



55.6175, 41.7583, 62.8864



56.6506, 41.7583, 38.9928

Triad

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



55.6175, 41.7583, 62.8864



37.3596, 41.7583, 14.6269



29.0241, 41.7583, 78.6924

Complementary

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



55.6175, 41.7583, 62.8864



49.0813, 69.3764, 50.8515

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.



26.5054, 41.7583, 52.6224



55.6175, 41.7583, 62.8864



30.8807, 41.7583, 19.3613

Square

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



55.6175, 41.7583, 62.8864



45.3798, 41.7583, 15.7573



27.1368, 41.7583, 31.6049



34.4969, 41.7583, 99.3370

Rectangle

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



55.6175, 41.7583, 62.8864



54.5013, 41.7583, 27.4742



27.1368, 41.7583, 31.6049



27.8392, 41.7583, 69.9797

Sweetspot

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



55.6188, 41.7602, 62.8872



84.4377, 81.3604, 97.3937



42.3424, 34.4231, 84.5341



17.8464, 17.0195, 20.5906



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.



55.6188, 41.7602, 62.8872



61.6809, 42.7689, 68.4676



50.7569, 39.8155, 37.2848



15.4866, 15.2225, 17.8479



22.4617, 11.1874, 18.7644



1.8083, 0.8963, 1.7079

Inverse Universe

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



55.6188, 41.7602, 62.8872



61.6809, 42.7689, 68.4676



54.5144, 71.5496, 79.4616



15.4866, 15.2225, 17.8479



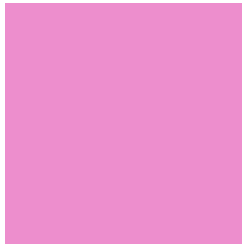
22.4617, 11.1874, 18.7644



1.8083, 0.8963, 1.7079

Previews

White Background



This preview shows how the XYZ color 55.6175, 41.7583, 62.8864 looks on a white background.

Color Contrast Check

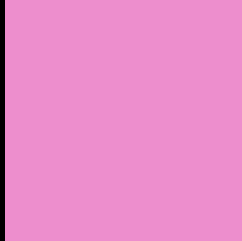
Large Text (above 18pt) WCAG AA × Fail

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 55.6175, 41.7583, 62.8864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

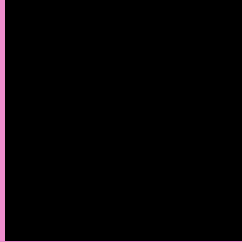
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6175, 41.7583, 62.8864

Background



This preview shows how black text looks on a background with the XYZ color 55.6175, 41.7583, 62.8864.



This preview shows how white text looks on a background with the XYZ color 55.6175, 41.7583,

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

55.6175, 41.7583, 62.8864

Protanopia

42.5885, 41.9877, 77.8113

Deuteranopia

42.7448, 41.8932, 60.4769



Tritanopia

50.7066, 41.5771, 39.5351

Trichromacy



Original Color

55.6175, 41.7583, 62.8864



Protanomaly

45.7192, 40.7684, 71.7891



Deuteranomaly

46.6120, 41.2027, 61.3733



Tritanomaly

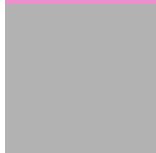
52.4013, 41.5742, 47.3823

Monochromacy



Original Color

55.6175, 41.7583, 62.8864



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.0854, 42.6832, 53.3867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6175, 41.7583, 62.8864 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(237, 142, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 142, 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(237, 142, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 142, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.6175, 41.7583, 62.8864 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(237, 142, 205) }
```


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

```
.border{ border-color:rgb(237, 142, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 142, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 142, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 142, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 142,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6175, 41.7583, 62.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 142, 205) }
```

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

```
.background{ background-color: rgb(237,  
142, 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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