

Converting Colors

XYZ(39.9266, 29.0005, 21.0604)

Have a look what the booklet for
XYZ(39.9266, 29.0005, 21.0604)
contains.

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Color

**XYZ(39.9754, 28.9895,
20.9414)**

Conversions

Conversions Part 1

Format	Color
Hex	E07177
RGB	224, 113, 119
RGB Percent	88%, 44%, 47%
CMY	0.1216, 0.5568, 0.5333
CMYK	0.00, 0.50, 0.47, 0.12
HSL	357°, 64%, 66%
HSV	357°, 50%, 88%
XYZ	39.9754, 28.9895, 20.9414
YIQ	146.8730, 64.2300, 25.3980

Conversions

Conversions Part 2

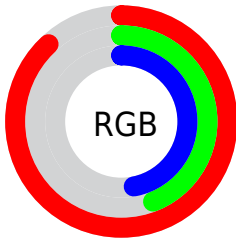
Format	Color
R_{YB}	224, 113, 119
Decimal	14709111
CIE _{Lab}	60.77, 43.70, 16.92
CIE _{LCh}	61, 46.863, 21.165
Yxy	28.9895, 0.4446, 0.3224
Android (android.graphics.Color)	4292899191 (0xFFE07177)
YUV	146.8730, -13.7414, 67.6404
Hunter-Lab	53.8419, 38.3056, 14.6289

Details

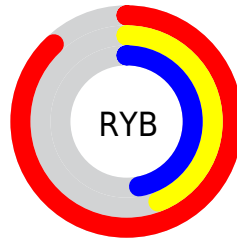
The XYZ color **39.9754, 28.9895, 20.9414** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.1222, 61.8846, 75.8477**, and the grayscale version is **27.7180, 29.1615, 31.7569**.

A 20% lighter version of the original color is **62.4094, 51.8377, 45.2444**, and **18.3231, 11.7918, 7.2715** is the 20% darker color. If you saturate the color by 10%, you get **36.6436, 24.1407, 14.2367**, and if you desaturate by 10%, it is **44.2090, 35.1881, 29.3469**.

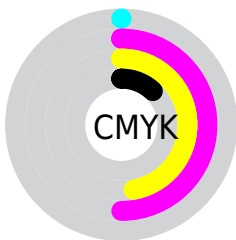
Distribution



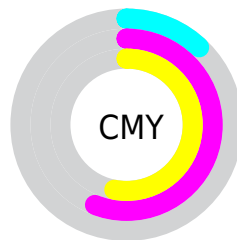
- Red (88%)
- Green (44%)
- Blue (47%)



- Red (88%)
- Yellow (44%)
- Blue (47%)



- Cyan (0%)
- Magenta (50%)
- Yellow (47%)
- Black (12%)





- Cyan (12%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9754, 28.9895, 20.9414 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 39.9754, 28.9895, 20.9414 by changing the saturation by 10% instead.


 39.9754, 28.9895,
20.9414


 39.9754, 28.9895,
20.9414


337.1561,
297.1654, 269.7377


 27.7035, 19.0729,
12.8903


 74.4106, 58.0604,
45.8695

 18.2416, 11.7229,
7.2232


 97.3047, 77.9835,
63.5837

 11.2243, 6.5553,
3.5215


 124.4701,
102.0108, 85.3559

 6.2863, 3.1856,
1.3667

156.2723,
130.5268, 111.6048

 3.0623, 1.2294,
0.1156

193.0767,
163.9159, 142.7489

 1.1868, 0.0855,
0.0000

235.2485,

 0.0959, 0.0000,

202.5624, 179.2067

0.0000

283.1532,
246.8508, 221.3968

■ 0.0000, 0.0000,
0.0000

■ 39.9754, 28.9895,
20.9414

■ 39.9754, 28.9895,
20.9414

■ 36.6436, 24.1407,
14.2367

■ 44.2090, 35.1881,
29.3469

■ 34.1462, 20.5371,
9.1155

■ 49.4011, 42.8219,
39.5566

■ 32.4098, 18.0662,
5.4477


■ 55.6062, 51.9745,
51.6678


■ 31.3471, 16.5932,
3.0822


■ 62.8742, 62.7219,
65.7700

■ 30.8243, 15.8983,
1.8265

■ 71.2516, 75.1351,
81.9474

 30.8073, 15.8740,
1.7912

 80.7822, 89.2805,
100.2789

 84.5504, 94.5873,
108.4086

Harmonies

Analogous

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



40.8152, 28.9895, 36.9989



39.9754, 28.9895, 20.9414



35.5656, 28.9895, 11.9896

Triad

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



39.9754, 28.9895, 20.9414



19.4039, 28.9895, 14.8633



25.7945, 28.9895, 77.6337

Complementary

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



39.9754, 28.9895, 20.9414



46.1222, 61.8846, 75.8477

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.



20.8455, 28.9895, 65.5439



39.9754, 28.9895, 20.9414



17.5295, 28.9895, 26.6903

Square

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



39.9754, 28.9895, 20.9414



23.5395, 28.9895, 9.4866



18.0153, 28.9895, 45.2825



32.0000, 28.9895, 74.2872

Rectangle

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



39.9754, 28.9895, 20.9414



31.5084, 28.9895, 9.2789



18.0153, 28.9895, 45.2825



23.9445, 28.9895, 75.1152

Sweetspot

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



39.9761, 28.9910, 20.9419



78.7504, 75.8617, 77.3828



47.8570, 31.8842, 74.1528



16.4235, 15.5985, 15.7235



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.



39.9761, 28.9910, 20.9419



49.2082, 32.4567, 19.1982



46.4845, 42.5657, 21.3909



13.7371, 13.7125, 14.3857



17.9452, 9.2451, 1.1115



1.2546, 0.6451, 0.1335

Inverse Universe

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



39.9761, 28.9910, 20.9419



49.2082, 32.4567, 19.1982



35.7718, 39.9056, 76.3380



13.7371, 13.7125, 14.3857



17.9452, 9.2451, 1.1115



1.2546, 0.6451, 0.1335

Previews

White Background



This preview shows how the XYZ color 39.9754, 28.9895, 20.9414 looks on a white background.

Color Contrast Check

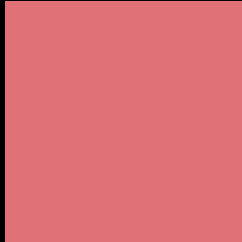
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9754, 28.9895, 20.9414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

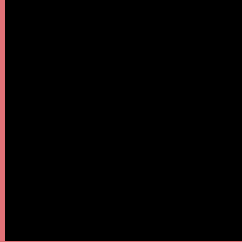
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9754, 28.9895, 20.9414

Background



This preview shows how black text looks on a background with the XYZ color 39.9754, 28.9895, 20.9414.



This preview shows how white text looks on a background with the XYZ color 39.9754, 28.9895,

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

39.9754, 28.9895, 20.9414

Protanopia

27.8265, 29.3204, 27.4853

Deuteranopia

29.5754, 29.0353, 19.9652



Tritanopia

40.0968, 29.0380, 21.5807

Trichromacy



Original Color

39.9754, 28.9895, 20.9414

Protanomaly

31.0533, 28.4046, 24.9650

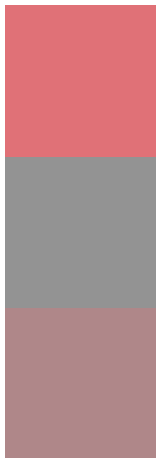
Deuteranomaly

32.7545, 28.5699, 20.3112

Tritanomaly

40.0358, 29.0136, 21.2594

Monochromacy



Original Color

39.9754, 28.9895, 20.9414

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.8585, 28.2480, 27.4929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9754, 28.9895, 20.9414 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(224, 113, 119)` looks like.

```
.text, #text, p{  
    color:rgb(224, 113, 119)  
}
```

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(224, 113, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 113, 119) }
```

Border

The CSS property to change the border of an element to XYZ 39.9754, 28.9895, 20.9414 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(224, 113, 119) }
```


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

```
.border{ border-color:rgb(224, 113, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 113, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 113, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 113, 119);  
box-shadow:4px 4px 4px 4px rgb(224, 113,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9754, 28.9895, 20.9414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 113, 119) }
```

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

```
.background{ background-color: rgb(224,  
113, 119) }
```

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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