

Converting Colors

XYZ(37.1284, 22.9844, 16.3895)

Have a look what the booklet for
XYZ(37.1284, 22.9844, 16.3895)
contains.

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Color

**XYZ(37.1284, 22.9844,
16.3895)**

Conversions

Conversions Part 1

Format	Color
Hex	E34F6B
RGB	227, 79, 107
RGB Percent	89%, 31%, 42%
CMY	0.1098, 0.6902, 0.5804
CMYK	0.00, 0.65, 0.53, 0.11
HSL	349°, 73%, 60%
HSV	349°, 65%, 89%
XYZ	37.1284, 22.9844, 16.3895
YIQ	126.4440, 79.2200, 40.0840

Conversions

Conversions Part 2

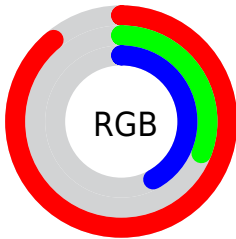
Format	Color
R_{YB}	227, 79, 107
Decimal	14897003
CIE Lab	55.06, 59.23, 16.12
CIE LCh	55, 61.382, 15.227
Yxy	22.9844, 0.4853, 0.3004
Android (android.graphics.Color)	4293087083 (0xFFE34F6B)
YUV	126.4440, -9.5859, 88.1876
Hunter-Lab	47.9420, 54.3396, 13.2905

Details

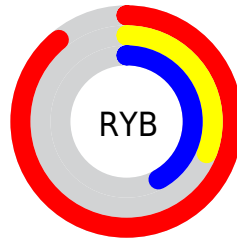
The XYZ color **37.1284, 22.9844, 16.3895** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **41.0040, 60.7246, 63.5977**, and the grayscale version is **19.9963, 21.0377, 22.9100**.

A 20% lighter version of the original color is **56.0755, 41.0566, 37.3170**, and **16.5958, 8.5418, 5.0490** is the 20% darker color. If you saturate the color by 10%, you get **34.8938, 19.9037, 11.3648**, and if you desaturate by 10%, it is **40.1290, 27.2676, 22.6868**.

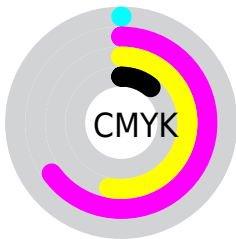
Distribution



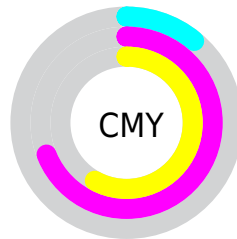
- Red (89%)
- Green (31%)
- Blue (42%)



- Red (89%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (65%)
- Yellow (53%)
- Black (11%)




- Cyan (11%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1284, 22.9844, 16.3895 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 37.1284, 22.9844, 16.3895 by changing the saturation by 10% instead.


 37.1284, 22.9844,
16.3895


 37.1284, 22.9844,
16.3895


325.2120,
267.6449, 243.5529

 25.4811, 14.5820,
9.6429

 70.0828, 48.3677,
38.0492

 16.5665, 8.5265,
5.0603


 92.1205, 66.1174,
53.7994


 10.0193, 4.4337,
2.2233


 118.3524, 87.7516,
73.3879

 5.4741, 1.9190,
0.6878

 149.1438,
113.6548, 97.2331

 2.5656, 0.5598,
0.0000

 184.8602,
144.2113, 125.7537

 0.9285, 0.0000,
0.0000

225.8667,

 0.0000, 0.0000,

179.8056, 159.3682

0.0000

272.5289,
220.8220, 198.4951

■ 37.1284, 22.9844,
16.3895

■ 37.1284, 22.9844,
16.3895

■ 34.8938, 19.9037,
11.3648

■ 40.1290, 27.2676,
22.6868

■ 33.3508, 17.8973,
7.5222

■ 43.9573, 32.8568,
30.3361


■ 32.4120, 16.8141,
4.7602


■ 48.6703, 39.8487,
39.4114


■ 32.1133, 16.5048,
3.7725


■ 54.3196, 48.3296,
49.9809

■ 60.9527, 58.3791,
62.1085

 68.6137, 70.0709,
75.8542

 77.3444, 83.4741,
91.2749

 85.3682, 95.0228,
107.8194

 85.4885, 95.0708,
108.4525

Harmonies

Analogous

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



37.1667, 22.9844, 35.8959



37.1284, 22.9844, 16.3895



32.4640, 22.9844, 6.6940

Triad

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



37.1284, 22.9844, 16.3895



13.7853, 22.9844, 6.7818



18.6649, 22.9844, 81.8671

Complementary

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



37.1284, 22.9844, 16.3895



41.0040, 60.7246, 63.5977

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.



13.8395, 22.9844, 62.3547



37.1284, 22.9844, 16.3895



11.4477, 22.9844, 16.6073

Square

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



37.1284, 22.9844, 16.3895



18.5747, 22.9844, 3.4494



11.4652, 22.9844, 36.2629



25.4804, 22.9844, 81.6975

Rectangle

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



37.1284, 22.9844, 16.3895



27.8250, 22.9844, 4.0528



11.4652, 22.9844, 36.2629



16.7914, 22.9844, 77.0755

Sweetspot

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



37.1290, 22.9857, 16.3899



74.9253, 69.2827, 72.8057



39.7930, 23.0639, 75.0273



15.5251, 14.0544, 14.6445



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.



37.1290, 22.9857, 16.3899



44.6669, 24.9012, 12.9763



40.2235, 31.1624, 11.2938



14.4878, 14.4123, 15.5032



18.7604, 9.6384, 2.3671



1.4181, 0.7249, 0.3422

Inverse Universe

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



37.1290, 22.9857, 16.3899



44.6669, 24.9012, 12.9763



33.9419, 40.9119, 78.7807



14.4878, 14.4123, 15.5032



18.7604, 9.6384, 2.3671



1.4181, 0.7249, 0.3422

Previews

White Background



This preview shows how the XYZ color 37.1284, 22.9844, 16.3895 looks on a white background.

Color Contrast Check

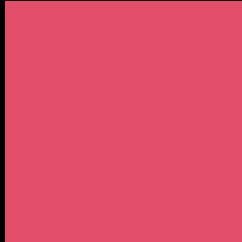
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1284, 22.9844, 16.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

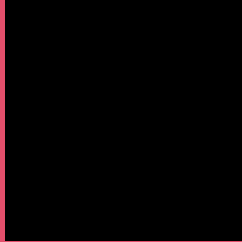
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.1284, 22.9844, 16.3895

Background



This preview shows how black text looks on a background with the XYZ color 37.1284, 22.9844, 16.3895.



This preview shows how white text looks on a background with the XYZ color 37.1284, 22.9844,

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

37.1284, 22.9844, 16.3895

Protanopia

22.3164, 23.2643, 25.5046

Deuteranopia

23.5999, 23.1668, 15.2844



Tritanopia

36.2187, 23.0598, 11.7746

Trichromacy



Original Color

37.1284, 22.9844, 16.3895

Protanomaly

25.6917, 21.5903, 21.8820

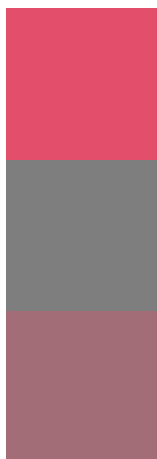
Deuteranomaly

27.3155, 22.0762, 15.6534

Tritanomaly

36.4469, 23.0296, 13.3507

Monochromacy



Original Color

37.1284, 22.9844, 16.3895

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

23.9027, 20.0557, 20.0641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1284, 22.9844, 16.3895 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(227, 79, 107)` looks like.

```
.text, #text, p{  
    color:rgb(227, 79, 107)  
}
```

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(227, 79, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 79, 107) }
```

Border

The CSS property to change the border of an element to XYZ 37.1284, 22.9844, 16.3895 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(227, 79, 107) }
```


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

```
.border{ border-color:rgb(227, 79, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 79, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 79, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 79, 107); box-shadow:4px 4px 4px 4px rgb(227, 79, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1284, 22.9844, 16.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 79, 107) }
```

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

```
.background{ background-color: rgb(227, 79,  
107) }
```

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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