

Converting Colors

XYZ(40.6443, 26.3650, 21.0359)

Have a look what the booklet for
XYZ(40.6443, 26.3650, 21.0359)
contains.

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Color

**XYZ(40.6443, 26.3650,
21.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	E85D79
RGB	232, 93, 121
RGB Percent	91%, 36%, 47%
CMY	0.0902, 0.6353, 0.5255
CMYK	0.00, 0.60, 0.48, 0.09
HSL	348°, 75%, 64%
HSV	348°, 60%, 91%
XYZ	40.6443, 26.3650, 21.0359
YIQ	137.7530, 73.8560, 38.1760

Conversions

Conversions Part 2

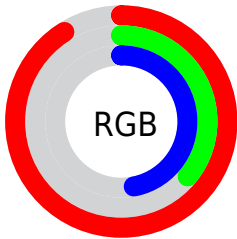
Format	Color
R_{YB}	232, 93, 121
Decimal	15228281
CIE _{Lab}	58.38, 56.08, 12.63
CIE _{LCh}	58, 57.487, 12.687
Yxy	26.3650, 0.4616, 0.2994
Android (android.graphics.Color)	4293418361 (0xFFE85D79)
YUV	137.7530, -8.2592, 82.6546
Hunter-Lab	51.3469, 51.4371, 11.6527

Details

The XYZ color **40.6443, 26.3650, 21.0359** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **44.2716, 64.4007, 67.2287**, and the grayscale version is **24.0752, 25.3290, 27.5833**.

A 20% lighter version of the original color is **59.5303, 45.7720, 45.2325**, and **18.5692, 10.2830, 7.3094** is the 20% darker color. If you saturate the color by 10%, you get **37.8787, 22.4809, 15.0365**, and if you desaturate by 10%, it is **44.2470, 31.5742, 28.3913**.

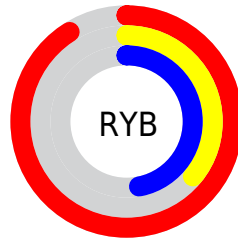
Distribution



Red (91%)

Green (36%)

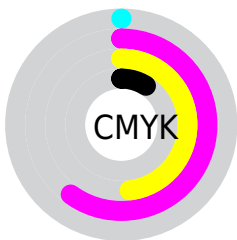
Blue (47%)



Red (91%)

Yellow (36%)

Blue (47%)

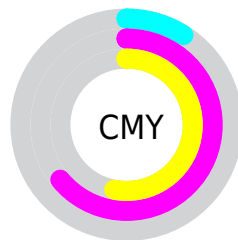


Cyan (0%)

Magenta (60%)

Yellow (48%)

Black (9%)



Cyan (9%)


Magenta (64%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.6443, 26.3650, 21.0359 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 40.6443, 26.3650, 21.0359 by changing the saturation by 10% instead.


 40.6443, 26.3650,
21.0359


 40.6443, 26.3650,
21.0359


339.9198,
284.5693, 270.2565


 28.2277, 17.0969,
12.9587


 75.4218, 53.8632,
46.0288


 18.6387, 10.3036,
7.2698


 98.5133, 72.8621,
63.7817

 11.5120, 5.6007,
3.5504


 125.8939, 95.8734,
85.5969

 6.4821, 2.6038,
1.3821

 157.9289,
123.2814, 111.8929

 3.1838, 0.9286,
0.1277

194.9836,
155.4706, 143.0884

 1.2517, 0.0000,
0.0000

237.4234,

 0.1466, 0.0000,

192.8254, 179.6018

0.0000

285.6137,
235.7302, 221.8516

■ 0.0000, 0.0000,
0.0000

■ 40.6443, 26.3650,
21.0359

■ 40.6443, 26.3650,
21.0359

■ 37.8787, 22.4809,
15.0365

■ 44.2470, 31.5742,
28.3913

■ 35.8777, 19.7969,
10.3065

■ 48.7469, 38.2100,
37.1790

■ 34.5595, 18.1714,
6.7507

■ 54.2007, 46.3690,
47.4710

■ 33.7918, 17.3647,
4.2484

■ 60.6601, 56.1380,
59.3342

■ 33.7862, 17.3588,
4.2301

■ 68.1726, 67.5973,
72.8311

■ 76.7830, 80.8219,
88.0211

■ 86.4030, 95.6215,
104.9168

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



40.2567, 26.3650, 41.7965



40.6443, 26.3650, 21.0359



36.3311, 26.3650, 9.6821

Triad

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



40.6443, 26.3650, 21.0359



16.9860, 26.3650, 8.6531



21.2579, 26.3650, 83.5853

Complementary

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



40.6443, 26.3650, 21.0359



44.2716, 64.4007, 67.2287

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.



16.3992, 26.3650, 63.6412



40.6443, 26.3650, 21.0359



14.2674, 26.3650, 18.6828

Square

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



40.6443, 26.3650, 21.0359



22.2138, 26.3650, 5.1142



14.0748, 26.3650, 38.0475



28.1377, 26.3650, 85.2408

Rectangle

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



40.6443, 26.3650, 21.0359



31.7672, 26.3650, 6.2540



14.0748, 26.3650, 38.0475



19.3688, 26.3650, 78.4832

Sweetspot

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



40.6450, 26.3664, 21.0364



76.7650, 71.9900, 76.4155



42.8066, 26.1969, 79.1442



15.8866, 14.5817, 15.3686



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.



40.6450, 26.3664, 21.0364



46.2456, 26.9083, 17.0490



43.5590, 34.5545, 14.7317



14.4951, 14.4152, 15.5415



18.7927, 9.6513, 2.5374



1.4215, 0.7263, 0.3602

Inverse Universe

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



40.6450, 26.3664, 21.0364



46.2456, 26.9083, 17.0490



38.0663, 46.1254, 83.2406



14.4951, 14.4152, 15.5415



18.7927, 9.6513, 2.5374



1.4215, 0.7263, 0.3602

Previews

White Background



This preview shows how the XYZ color 40.6443, 26.3650, 21.0359 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 40.6443, 26.3650, 21.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

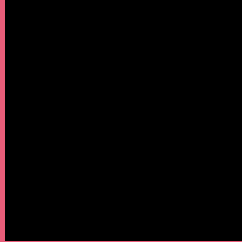
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.6443, 26.3650, 21.0359

Background



This preview shows how black text looks on a background with the XYZ color 40.6443, 26.3650, 21.0359.



This preview shows how white text looks on a background with the XYZ color 40.6443, 26.3650,

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

40.6443, 26.3650, 21.0359

Protanopia

25.7217, 26.5823, 30.9693

Deuteranopia

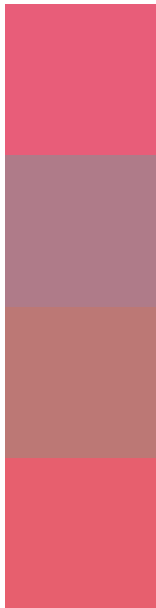
26.8055, 26.3294, 19.5889



Tritanopia

39.5860, 26.3339, 15.8285

Trichromacy



Original Color

40.6443, 26.3650, 21.0359

Protanomaly

29.2775, 25.0860, 26.9659

Deuteranomaly

30.6664, 25.4087, 20.1177

Tritanomaly

39.8617, 26.2991, 17.7271

Monochromacy



Original Color

40.6443, 26.3650, 21.0359

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.1376, 24.3557, 25.0479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.6443, 26.3650, 21.0359 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(232, 93, 121)` looks like.

```
.text, #text, p{  
    color:rgb(232, 93, 121)  
}
```

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(232, 93, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 93, 121) }
```

Border

The CSS property to change the border of an element to XYZ 40.6443, 26.3650, 21.0359 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(232, 93, 121) }
```


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

```
.border{ border-color:rgb(232, 93, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 93, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 93, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 93, 121);  
box-shadow:4px 4px 4px 4px rgb(232, 93,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 40.6443, 26.3650, 21.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 93, 121) }
```

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

```
.background{ background-color: rgb(232, 93,  
121) }
```

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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