

Converting Colors

XYZ(41.0707, 20.6584, 25.1598)

Have a look what the booklet for
XYZ(41.0707, 20.6584, 25.1598)
contains.

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Color

**XYZ(41.0619, 20.6548,
25.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	F20088
RGB	242, 0, 136
RGB Percent	95%, 0%, 53%
CMY	0.0510, 0.9998, 0.4667
CMYK	0.00, 1.00, 0.44, 0.05
HSL	326°, 100%, 47%
HSV	326°, 100%, 95%
XYZ	41.0619, 20.6548, 25.1151
YIQ	87.8620, 100.5760, 93.6000

Conversions

Conversions Part 2

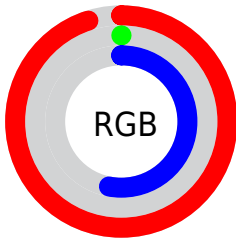
Format	Color
R_{YB}	242, 0, 136
Decimal	15859848
CIE _{Lab}	52.57, 82.42, -4.43
CIE _{LCh}	53, 82.542, 356.922
Yxy	20.6548, 0.4729, 0.2379
Android (android.graphics.Color)	4294049928 (0xFFFF20088)
YUV	87.8620, 23.7320, 135.1790
Hunter-Lab	45.4476, 81.7417, -0.9514

Details

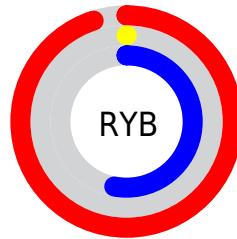
The XYZ color **41.0619, 20.6548, 25.1151** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **34.3572, 64.5463, 24.2985**, and the grayscale version is **9.1870, 9.6655, 10.5257**.

A 20% lighter version of the original color is **54.7000, 33.4835, 51.7241**, and **20.2701, 10.2556, 9.7153** is the 20% darker color. If you saturate the color by 10%, you get **41.0602, 20.6541, 25.1062**, and if you desaturate by 10%, it is **42.1852, 21.6352, 29.3932**.

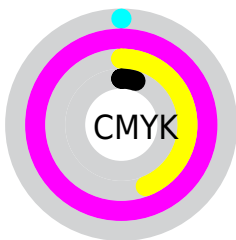
Distribution



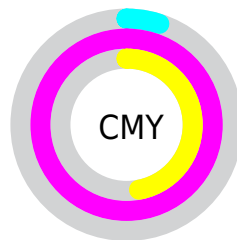
- Red (95%)
- Green (0%)
- Blue (53%)



- Red (95%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (5%)





- Cyan (5%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.0619, 20.6548, 25.1151 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 41.0619, 20.6548, 25.1151 by changing the saturation by 10% instead.

 41.0619, 20.6548,
25.1151


 41.0619, 20.6548,
25.1151


341.6374,
255.4382, 291.8767


 28.5553, 12.8719,
15.9430


 76.0520, 44.5123,
52.8103


 18.8873, 7.3404,
9.3299


 99.2662, 61.3557,
72.1706


 11.6924, 3.6759,
4.8573


 126.7803, 81.9881,
95.7639

 6.6053, 1.4940,
2.1065

 158.9598,
106.7938, 124.0090

 3.2606, 0.2845,
0.6196

 196.1698,
136.1573, 157.3242

 1.2930, 0.0000,
0.0000

 238.7759,

 0.1780, 0.0000,

170.4629, 196.1282

0.0000

287.1433,
210.0951, 240.8395

■ 0.0000, 0.0000,
0.0000

■ 41.0619, 20.6548,
25.1151

■ 41.0619, 20.6548,
25.1151

■ 41.0602, 20.6541,
25.1062

■ 42.1852, 21.6352,
29.3932

■ 43.7969, 23.4699,
34.2119

■ 46.0278, 26.4171,
39.6249

■ 48.9563, 30.6307,
45.6676

■ 52.6486, 36.2400,
52.3712

■ 57.1627, 43.3582,
59.7639

■ 62.5506, 52.0868,
67.8716

■ 68.8601, 62.5183,
76.7184

■ 76.1352, 74.7383,
86.3271

Harmonies

Analogous

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



36.8906, 20.6548, 59.2401



41.0619, 20.6548, 25.1151



38.2520, 20.6548, 7.1932

Triad

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



41.0619, 20.6548, 25.1151



13.0866, 20.6548, 1.2097



11.9536, 20.6548, 89.5551

Complementary

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



41.0619, 20.6548, 25.1151



34.3572, 64.5463, 24.2985

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.



8.3151, 20.6548, 51.2704



41.0619, 20.6548, 25.1151



8.8232, 20.6548, 5.3325

Square

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



41.0619, 20.6548, 25.1151



20.5283, 20.6548, 0.5743



7.3621, 20.6548, 20.0537



18.7617, 20.6548, 109.9415

Rectangle

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



41.0619, 20.6548, 25.1151



33.1446, 20.6548, 2.6464



7.3621, 20.6548, 20.0537



10.4045, 20.6548, 77.4257

Sweetspot

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



41.0625, 20.6560, 25.1154



70.3758, 58.5464, 76.3367



21.8413, 9.4091, 84.6693



14.4887, 11.5947, 15.4922



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.



41.0625, 20.6560, 25.1154



46.2192, 23.2517, 28.1502



36.7134, 18.9164, 2.2137



16.1448, 15.9076, 18.3185



22.1278, 11.1235, 13.8554



1.8907, 0.9453, 1.4155

Inverse Universe

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



41.0625, 20.6560, 25.1154



46.2192, 23.2517, 28.1502



45.4625, 68.9884, 82.7782



16.1448, 15.9076, 18.3185



22.1278, 11.1235, 13.8554



1.8907, 0.9453, 1.4155

Previews

White Background



This preview shows how the XYZ color 41.0619, 20.6548, 25.1151 looks on a white background.

Color Contrast Check

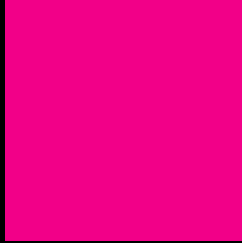
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0619, 20.6548, 25.1151 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 41.0619, 20.6548, 25.1151

Background



This preview shows how black text looks on a background with the XYZ color 41.0619, 20.6548, 25.1151.



This preview shows how white text looks on a background with the XYZ color 41.0619, 20.6548,

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

41.0619, 20.6548, 25.1151

Protanopia

22.7769, 21.4775, 55.1697

Deuteranopia

21.6641, 21.2477, 22.6981



Tritanopia

37.2687, 21.0913, 5.7212

Trichromacy



Original Color

41.0619, 20.6548, 25.1151



Protanomaly

23.6455, 15.5656, 41.8026



Deuteranomaly

24.8851, 16.4076, 22.9745



Tritanomaly

37.7689, 20.1349, 10.2833

Monochromacy



Original Color

41.0619, 20.6548, 25.1151



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

15.4656, 9.7776, 14.4367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0619, 20.6548, 25.1151 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(242, 0, 136)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 136)  
}
```

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(242, 0, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 136) }
```

Border

The CSS property to change the border of an element to XYZ 41.0619, 20.6548, 25.1151 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(242, 0, 136) }
```


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

```
.border{ border-color:rgb(242, 0, 136) }
```

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

Here you see how a box with a 4 pixel rgb(242, 0, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 136);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0619, 20.6548, 25.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 136) }
```

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

```
.background{ background-color: rgb(242, 0,  
136) }
```

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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