

Converting Colors

XYZ(41.6360, 21.1263, 17.2126)

Have a look what the booklet for
XYZ(41.6360, 21.1263, 17.2126)
contains.

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Color

**XYZ(41.6360, 21.1263,
17.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	F80070
RGB	248, 0, 112
RGB Percent	97%, 0%, 44%
CMY	0.0275, 0.9998, 0.5608
CMYK	0.00, 1.00, 0.55, 0.03
HSL	333°, 100%, 49%
HSV	333°, 100%, 97%
XYZ	41.6360, 21.1263, 17.2126
YIQ	86.9200, 111.8560, 87.4080

Conversions

Conversions Part 2

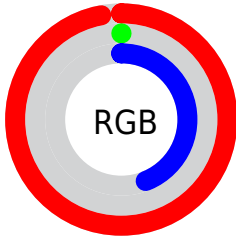
Format	Color
R_{YB}	248, 0, 112
Decimal	16253040
CIE _{Lab}	53.09, 81.94, 10.97
CIE _{LCh}	53, 82.676, 7.628
Yxy	21.1263, 0.5206, 0.2642
Android (android.graphics.Color)	4294443120 (0xFFFF80070)
YUV	86.9200, 12.3644, 141.2672
Hunter-Lab	45.9634, 81.2587, 9.9711

Details

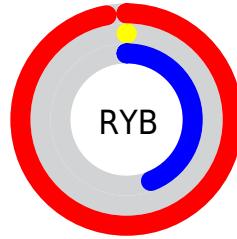
The XYZ color **41.6360, 21.1263, 17.2126** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **38.0164, 68.9142, 34.6138**, and the grayscale version is **9.0068, 9.4758, 10.3192**.

A 20% lighter version of the original color is **52.1256, 32.4537, 38.1672**, and **20.7213, 10.5720, 5.9495** is the 20% darker color. If you saturate the color by 10%, you get **41.6339, 21.1254, 17.2025**, and if you desaturate by 10%, it is **42.7963, 22.1419, 21.6231**.

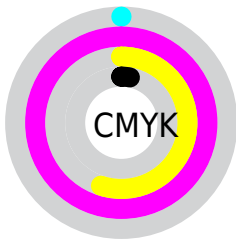
Distribution



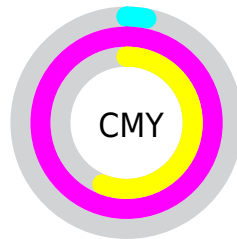
- Red (97%)
- Green (0%)
- Blue (44%)



- Red (97%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.6360, 21.1263, 17.2126 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 41.6360, 21.1263, 17.2126 by changing the saturation by 10% instead.


 41.6360, 21.1263,
17.2126


 41.6360, 21.1263,
17.2126


343.9891,
257.9489, 248.4799


 29.0062, 13.2164,
10.2226


 76.9171, 45.2976,
39.4866


 19.2298, 7.5777,
5.4393


 100.2991, 62.3278,
55.6077


 11.9415, 3.8259,
2.4440


 127.9959, 83.1669,
75.6096

 6.7757, 1.5767,
0.8103

 160.3728,
108.1992, 99.9108

 3.3673, 0.3418,
0.0000

 197.7952,
137.8092, 128.9299

 1.3509, 0.0000,
0.0000

 240.6285,

 0.2208, 0.0000,

172.3812, 163.0854

0.0000

289.2381,
212.2996, 202.7959

■ 0.0000, 0.0000,
0.0000

■ 41.6360, 21.1263,
17.2126

■ 41.6360, 21.1263,
17.2126

■ 41.6339, 21.1254,
17.2025

■ 42.7963, 22.1419,
21.6231

■ 44.5128, 24.0790,
26.8072

■ 46.9251, 27.2096,
32.8338

■ 50.1190, 31.6983,
39.7526

■ 54.1667, 37.6834,
47.6080

■ 59.1320, 45.2859,
56.4403

■ 65.0721, 54.6143,
66.2871

■ 72.0393, 65.7676,
77.1836

■ 80.0823, 78.8374,
89.1631

Harmonies

Analogous

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



39.8558, 21.1263, 46.4734



41.6360, 21.1263, 17.2126



36.4513, 21.1263, 4.4015

Triad

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



41.6360, 21.1263, 17.2126



11.5021, 21.1263, 2.1004



14.3633, 21.1263, 101.8056

Complementary

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



41.6360, 21.1263, 17.2126



38.0164, 68.9142, 34.6138

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.



9.5334, 21.1263, 66.3883



41.6360, 21.1263, 17.2126



8.2451, 21.1263, 9.1645

Square

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



41.6360, 21.1263, 17.2126



17.9406, 21.1263, 0.6702



7.6465, 21.1263, 29.9649



22.3828, 21.1263, 110.6238

Rectangle

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



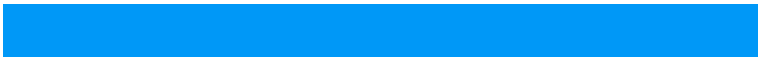
41.6360, 21.1263, 17.2126



30.4313, 21.1263, 1.6298



7.6465, 21.1263, 29.9649



12.3906, 21.1263, 91.8049

Sweetspot

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



41.6365, 21.1276, 17.2129



69.2751, 58.1062, 70.5404



26.5059, 11.7081, 89.6693



14.2286, 11.4907, 14.1225



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.



41.6365, 21.1276, 17.2129



44.3418, 22.5007, 18.2638



38.8019, 20.1373, 1.8436



17.5704, 17.3555, 19.5934



22.5593, 11.4394, 9.6537



2.1420, 1.0805, 1.1712

Inverse Universe

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



41.6365, 21.1276, 17.2129



44.3418, 22.5007, 18.2638



48.0261, 68.9419, 99.5823



17.5704, 17.3555, 19.5934



22.5593, 11.4394, 9.6537



2.1420, 1.0805, 1.1712

Previews

White Background



This preview shows how the XYZ color 41.6360, 21.1263, 17.2126 looks on a white background.

Color Contrast Check

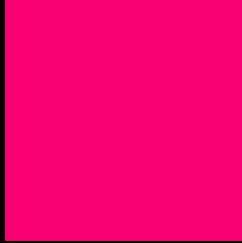
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.6360, 21.1263, 17.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

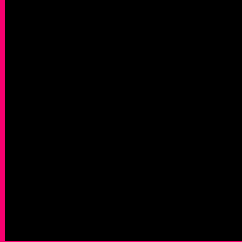
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.6360, 21.1263, 17.2126

Background



This preview shows how black text looks on a background with the XYZ color 41.6360, 21.1263, 17.2126.



This preview shows how white text looks on a background with the XYZ color 41.6360, 21.1263,

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

41.6360, 21.1263, 17.2126

Protanopia

21.8080, 21.7450, 37.6981

Deuteranopia

22.0589, 21.6093, 15.5787



Tritanopia

39.0492, 21.4711, 4.4691

Trichromacy



Original Color

41.6360, 21.1263, 17.2126



Protanomaly

23.7024, 16.0055, 28.2257



Deuteranomaly

25.5756, 16.9285, 15.5552



Tritanomaly

39.5196, 20.9012, 7.5817

Monochromacy



Original Color

41.6360, 21.1263, 17.2126



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

15.3316, 9.6879, 12.1282

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.6360, 21.1263, 17.2126 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(248, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(248, 0, 112)  
}
```

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(248, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 0, 112) }
```

Border

The CSS property to change the border of an element to XYZ 41.6360, 21.1263, 17.2126 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(248, 0, 112) }
```


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

```
.border{ border-color:rgb(248, 0, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 0, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(248, 0,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 41.6360, 21.1263, 17.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 0, 112) }
```

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

```
.background{ background-color: rgb(248, 0,  
112) }
```

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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