

Converting Colors

XYZ(35.0206, 17.8151, 12.4194)

Have a look what the booklet for
XYZ(35.0206, 17.8151, 12.4194)
contains.

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Color

**XYZ(35.0206, 17.8151,
12.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	E7005F
RGB	231, 0, 95
RGB Percent	91%, 0%, 37%
CMY	0.0941, 0.9998, 0.6274
CMYK	0.00, 1.00, 0.59, 0.09
HSL	335°, 100%, 45%
HSV	335°, 100%, 91%
XYZ	35.0206, 17.8151, 12.4194
YIQ	79.8990, 107.1810, 78.5170

Conversions

Conversions Part 2

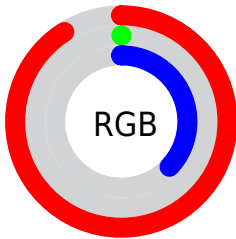
Format	Color
R_{YB}	231, 0, 95
Decimal	15138911
CIE _{Lab}	49.27, 77.11, 15.54
CIE _{LCh}	49, 78.663, 11.396
Yxy	17.8151, 0.5367, 0.2730
Android (android.graphics.Color)	4293328991 (0xFFE7005F)
YUV	79.8990, 7.4448, 132.5156
Hunter-Lab	42.2079, 74.2404, 12.0999

Details

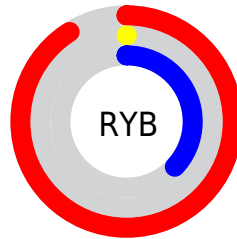
The XYZ color **35.0206, 17.8151, 12.4194** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed red. A complement of this color would be **33.0239, 58.9310, 32.9451**, and the grayscale version is **7.5820, 7.9769, 8.6868**.

A 20% lighter version of the original color is **50.2652, 31.1330, 30.1481**, and **16.7242, 8.5551, 3.7875** is the 20% darker color. If you saturate the color by 10%, you get **35.0192, 17.8146, 12.4125**, and if you desaturate by 10%, it is **36.0033, 18.7032, 16.0688**.

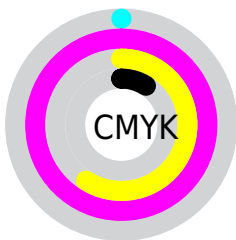
Distribution



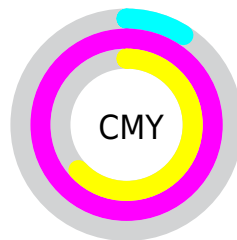
- Red (91%)
- Green (0%)
- Blue (37%)



- Red (91%)
- Yellow (0%)
- Blue (37%)



- Cyan (0%)
- Magenta (100%)
- Yellow (59%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0206, 17.8151, 12.4194 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 35.0206, 17.8151, 12.4194 by changing the saturation by 10% instead.


 35.0206, 17.8151,
12.4194


 35.0206, 17.8151,
12.4194


316.1657,
239.8268, 218.2379

 23.8453, 10.8173,
6.9040


 66.8515, 39.7220,
30.9324

 15.3430, 5.9441,
3.3246


 88.2378, 55.3999,
44.7671


 9.1484, 2.8111,
1.2627


 113.7586, 74.7400,
62.2120

 4.8960, 1.0339,
0.0309

 143.7790, 98.1267,
83.6856

 2.2205, 0.0000,
0.0000

 178.6646,
125.9443, 109.6064

 0.7535, 0.0000,
0.0000

 218.7807,

 0.0000, 0.0000,

158.5772, 140.3931

0.0000

264.4926,
196.4099, 176.4641

■ 35.0206, 17.8151,
12.4194

■ 35.0206, 17.8151,
12.4194

■ 35.0192, 17.8146,
12.4125

■ 36.0033, 18.7032,
16.0688

■ 37.4673, 20.3727,
20.4370

■ 39.5350, 23.0604,
25.5889

■ 42.2789, 26.9044,
31.5712

■ 45.7607, 32.0210,
38.4261

■ 50.0346, 38.5119,
46.1919

■ 55.1496, 46.4688,
54.9043

■ 61.1503, 55.9750,
64.5970

■ 68.0784, 67.1080,
75.3017

Harmonies

Analogous

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



34.2757, 17.8151, 35.4836



35.0206, 17.8151, 12.4194



29.9783, 17.8151, 3.0170

Triad

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



35.0206, 17.8151, 12.4194



9.1702, 17.8151, 2.0873



12.7937, 17.8151, 89.1273

Complementary

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



35.0206, 17.8151, 12.4194



33.0239, 58.9310, 32.9451

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.



8.3566, 17.8151, 60.6434



35.0206, 17.8151, 12.4194



6.7237, 17.8151, 9.0994

Square

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



35.0206, 17.8151, 12.4194



14.2786, 17.8151, 0.5480



6.4771, 17.8151, 28.5959



19.8969, 17.8151, 92.8358

Rectangle

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



35.0206, 17.8151, 12.4194



24.6834, 17.8151, 1.1184



6.4771, 17.8151, 28.5959



11.0025, 17.8151, 81.5085

Sweetspot

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



35.0210, 17.8162, 12.4197



68.8869, 57.9509, 68.4960



24.3791, 10.9025, 76.4206



14.1374, 11.4542, 13.6422



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.



35.0210, 17.8162, 12.4197



43.7815, 22.2766, 15.3134



33.1931, 17.4648, 1.6230



14.6214, 14.4658, 16.2069



19.6905, 10.0104, 7.2652



1.5003, 0.7578, 0.7751

Inverse Universe

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



35.0210, 17.8162, 12.4197



43.7815, 22.2766, 15.3134



37.9064, 52.7338, 83.7819



14.6214, 14.4658, 16.2069



19.6905, 10.0104, 7.2652



1.5003, 0.7578, 0.7751

Previews

White Background



This preview shows how the XYZ color 35.0206, 17.8151, 12.4194 looks on a white 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

Black Background



This preview shows how the XYZ color 35.0206, 17.8151, 12.4194 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 35.0206, 17.8151, 12.4194

Background



This preview shows how black text looks on a background with the XYZ color 35.0206, 17.8151, 12.4194.



This preview shows how white text looks on a background with the XYZ color 35.0206, 17.8151,

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

35.0206, 17.8151, 12.4194

Protanopia

18.1361, 18.4367, 26.6475

Deuteranopia

18.6415, 18.3532, 11.1543



Tritanopia

33.3246, 18.1716, 3.4201

Trichromacy



Original Color

35.0206, 17.8151, 12.4194



Protanomaly

19.9336, 13.6054, 19.9878



Deuteranomaly

21.6413, 14.4850, 11.1065



Tritanomaly

33.6983, 17.7717, 5.5251

Monochromacy



Original Color

35.0206, 17.8151, 12.4194



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

12.8152, 8.1744, 9.4967

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0206, 17.8151, 12.4194 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(231, 0, 95)` looks like.

```
.text, #text, p{  
    color:rgb(231, 0, 95)  
}
```

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(231, 0, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 0, 95) }
```

Border

The CSS property to change the border of an element to XYZ 35.0206, 17.8151, 12.4194 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(231, 0, 95) }
```


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

```
.border{ border-color:rgb(231, 0, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 0, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 0, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 0, 95);  
box-shadow:4px 4px 4px 4px rgb(231, 0, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 35.0206, 17.8151, 12.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 0, 95) }
```

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

```
.background{ background-color: rgb(231, 0,  
95) }
```

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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