

Converting Colors

XYZ(13.5360, 7.1642, 12.4668)

Have a look what the booklet for
XYZ(13.5360, 7.1642, 12.4668)
contains.

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Color

**XYZ(13.5430, 7.1764,
12.4758)**

Conversions

Conversions Part 1

Format	Color
Hex	8D1763
RGB	141, 23, 99
RGB Percent	55%, 9%, 39%
CMY	0.4471, 0.9098, 0.6118
CMYK	0.00, 0.84, 0.30, 0.45
HSL	321°, 72%, 32%
HSV	321°, 84%, 55%
XYZ	13.5430, 7.1764, 12.4758
YIQ	66.9460, 45.9320, 48.6520

Conversions

Conversions Part 2

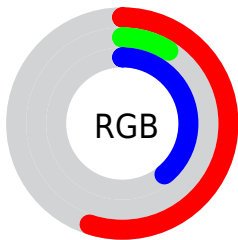
Format	Color
R_{YB}	141, 23, 99
Decimal	9246563
CIE _{Lab}	32.21, 53.37, -14.03
CIE _{LCh}	32, 55.185, 345.274
Yxy	7.1764, 0.4080, 0.2162
Android (android.graphics.Color)	4287436643 (0xFF8D1763)
YUV	66.9460, 15.8026, 64.9454
Hunter-Lab	26.7888, 43.3597, -8.8598

Details

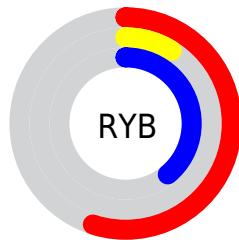
The XYZ color **13.5430, 7.1764, 12.4758** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **10.8329, 19.6137, 8.2175**, and the grayscale version is **5.2982, 5.5741, 6.0702**.

A 20% lighter version of the original color is **31.8110, 20.2424, 31.0847**, and **4.4576, 2.2264, 3.4436** is the 20% darker color. If you saturate the color by 10%, you get **13.1007, 6.6640, 11.1811**, and if you desaturate by 10%, it is **14.1492, 7.9926, 13.8989**.

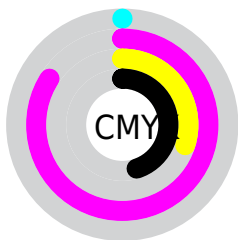
Distribution



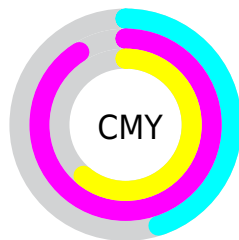
- Red (55%)
- Green (9%)
- Blue (39%)



- Red (55%)
- Yellow (9%)
- Blue (39%)



- Cyan (0%)
- Magenta (84%)
- Yellow (30%)
- Black (45%)




- Cyan (45%)
- Magenta (91%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.5430, 7.1764, 12.4758 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 13.5430, 7.1764, 12.4758 by changing the saturation by 10% instead.


 13.5430, 7.1764,
12.4758


 13.5430, 7.1764,
12.4758


207.9370,
169.1215, 218.6188


 7.8831, 3.5727,
6.9421


 31.8690, 20.3272,
31.0360


 4.0714, 1.4375,
3.3480

 45.2658, 30.6431,
44.8997


 1.7426, 0.2441,
1.2750

 61.9723, 43.9651,
62.3770

 0.4827, 0.0000,
0.0411

 82.3537, 60.6777,
83.8867

 0.0000, 0.0000,
0.0000

 106.7756, 81.1652,
109.8471

 135.6032,

105.8121, 140.6769

169.2019,
135.0027, 176.7946

13.5430, 7.1764,
12.4758

13.5430, 7.1764,
12.4758

13.1007, 6.6640,
11.1811

14.1492, 7.9926,
13.8989

12.8646, 6.4147,
10.4146

14.9399, 9.1538,
15.4583

15.9332, 10.6953,
17.1614

17.1445, 12.6479,
19.0145

18.5879, 15.0390,
21.0236

■ 20.2761, 17.8939,
23.1940

■ 22.2209, 21.2358,
25.5309

■ 24.4334, 25.0863,
28.0390

■ 26.9238, 29.4658,
30.7229

Harmonies

Analogous

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



11.4567, 7.1764, 24.6822



13.5430, 7.1764, 12.4758



13.5218, 7.1764, 4.3890

Triad

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



13.5430, 7.1764, 12.4758



5.4871, 7.1764, 0.1601



3.6667, 7.1764, 24.9095

Complementary

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



13.5430, 7.1764, 12.4758



10.8329, 19.6137, 8.2175

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.



2.8067, 7.1764, 12.6732



13.5430, 7.1764, 12.4758



3.6424, 7.1764, 1.1815

Square

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



13.5430, 7.1764, 12.4758



8.2978, 7.1764, 0.1506



2.7992, 7.1764, 4.4876



5.5306, 7.1764, 34.6037

Rectangle

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



13.5430, 7.1764, 12.4758



12.2895, 7.1764, 1.8314



2.7992, 7.1764, 4.4876



3.2765, 7.1764, 20.6894

Sweetspot

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



13.5432, 7.1768, 12.4759



35.7162, 31.0317, 40.7933



7.2487, 3.6366, 25.5191



7.7646, 6.5704, 8.8410



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.5432, 7.1768, 12.4759



22.9561, 11.4549, 18.2172



11.6863, 6.4340, 2.6973



5.5458, 5.4789, 6.3724



11.7378, 5.8522, 9.5367



0.1228, 0.0602, 0.1466

Inverse Universe

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



13.5432, 7.1768, 12.4759



22.9561, 11.4549, 18.2172



13.4725, 20.6696, 22.1175



5.5458, 5.4789, 6.3724



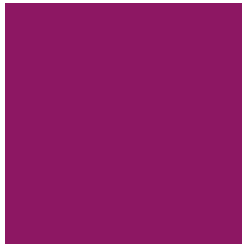
11.7378, 5.8522, 9.5367



0.1228, 0.0602, 0.1466

Previews

White Background



This preview shows how the XYZ color 13.5430, 7.1764, 12.4758 looks on a white background.

Color Contrast Check

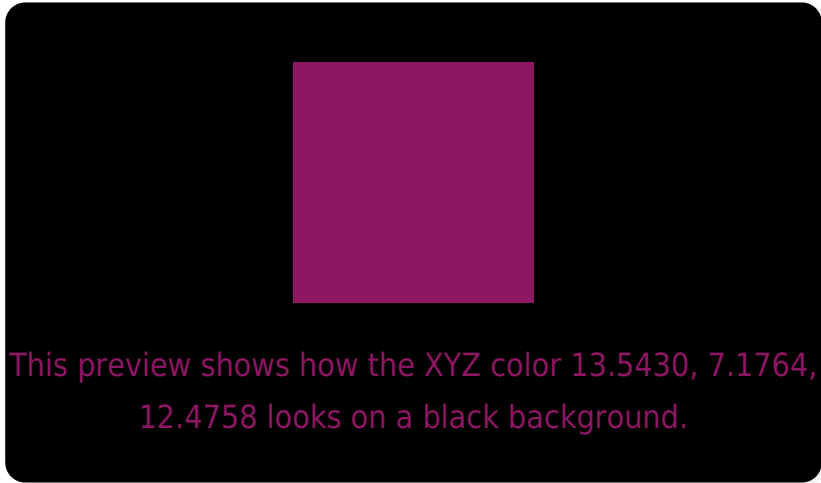
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

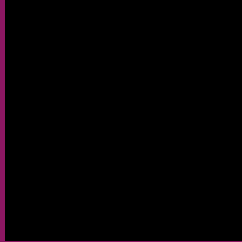
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.5430, 7.1764, 12.4758

Background



This preview shows how black text looks on a background with the XYZ color 13.5430, 7.1764, 12.4758.



This preview shows how white text looks on a background with the XYZ color 13.5430, 7.1764,

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

13.5430, 7.1764, 12.4758

Protanopia

8.3438, 7.6246, 24.3245

Deuteranopia

7.6208, 7.5370, 11.4090



Tritanopia

11.6735, 7.2434, 3.3676

Trichromacy



Original Color

13.5430, 7.1764, 12.4758

Protanomaly

8.6056, 6.1953, 19.4811

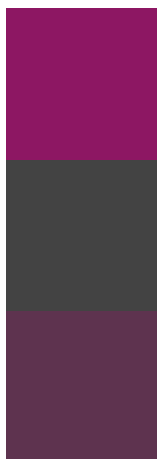
Deuteranomaly

8.7842, 6.4618, 11.6107

Tritanomaly

12.0662, 7.0467, 5.7252

Monochromacy



Original Color

13.5430, 7.1764, 12.4758

Achromatopsia

5.3350, 5.6128, 6.1124

Achromatomaly

7.2112, 5.3118, 8.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.5430, 7.1764, 12.4758 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(141, 23, 99)` looks like.

```
.text, #text, p{  
    color:rgb(141, 23, 99)  
}
```

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(141, 23, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 23, 99) }
```

Border

The CSS property to change the border of an element to XYZ 13.5430, 7.1764, 12.4758 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(141, 23, 99) }
```


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

```
.border{ border-color:rgb(141, 23, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 23, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 23, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 23, 99);  
box-shadow:4px 4px 4px 4px rgb(141, 23,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 13.5430, 7.1764, 12.4758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 23, 99) }
```

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

```
.background{ background-color: rgb(141, 23,  
99) }
```

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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