

Converting Colors

XYZ(13.3552, 6.8243, 14.3036)

Have a look what the booklet for
XYZ(13.3552, 6.8243, 14.3036)
contains.

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Color

**XYZ(13.4060, 6.8437,
14.2501)**

Conversions

Conversions Part 1

Format	Color
Hex	8B0E6A
RGB	139, 14, 106
RGB Percent	55%, 5%, 42%
CMY	0.4549, 0.9450, 0.5843
CMYK	0.00, 0.90, 0.24, 0.45
HSL	316°, 82%, 30%
HSV	316°, 90%, 55%
XYZ	13.4060, 6.8437, 14.2501
YIQ	61.8630, 44.9680, 55.1120

Conversions

Conversions Part 2

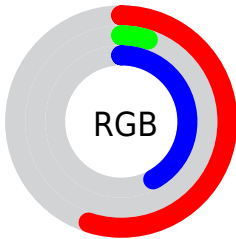
Format	Color
R_{YB}	139, 14, 106
Decimal	9113194
CIE _{Lab}	31.45, 55.75, -19.74
CIE _{LCh}	31, 59.141, 340.507
Yxy	6.8437, 0.3886, 0.1984
Android (android.graphics.Color)	4287303274 (0xFF8B0E6A)
YUV	61.8630, 21.7595, 67.6491
Hunter-Lab	26.1605, 45.6920, -13.9841

Details

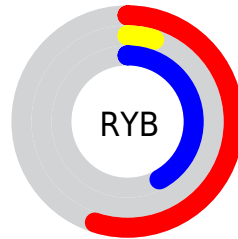
The XYZ color **13.4060, 6.8437, 14.2501** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **9.9273, 18.7641, 5.7895**, and the grayscale version is **4.5253, 4.7610, 5.1847**.

A 20% lighter version of the original color is **31.6609, 19.6532, 34.4725**, and **4.4199, 2.1903, 4.1928** is the 20% darker color. If you saturate the color by 10%, you get **13.0634, 6.4573, 13.2143**, and if you desaturate by 10%, it is **13.8572, 7.4341, 15.3625**.

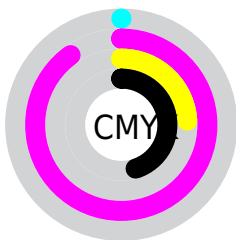
Distribution



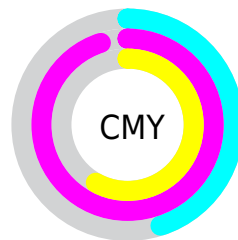
- Red (55%)
- Green (5%)
- Blue (42%)



- Red (55%)
- Yellow (5%)
- Blue (42%)



- Cyan (0%)
- Magenta (90%)
- Yellow (24%)
- Black (45%)




- Cyan (45%)
- Magenta (95%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 13.4060, 6.8437, 14.2501 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 13.4060, 6.8437, 14.2501 by changing the saturation by 10% instead.


 13.4060, 6.8437,
14.2501


 13.4060, 6.8437,
14.2501


207.0890,
166.3586, 230.2635


 7.7876, 3.3645,
8.1541


 31.6264, 19.6581,
34.2556


 4.0100, 1.3249,
4.1045

 44.9592, 29.7621,
49.0022


 1.7078, 0.1603,
1.6829

 61.5941, 42.8432,
67.4694

 0.4611, 0.0000,
0.3489

 81.8966, 59.2857,
90.0758

 0.0000, 0.0000,
0.0000

 106.2320, 79.4742,
117.2398

 134.9656,

103.7928, 149.3801

168.4628,
132.6262, 186.9151

13.4060, 6.8437,
14.2501

13.4060, 6.8437,
14.2501

13.0634, 6.4573,
13.2143

13.8572, 7.4341,
15.3625

13.0606, 6.4542,
13.2059

14.4687, 8.3317,
16.5690

15.2594, 9.5744,
17.8766

16.2452, 11.1939,
19.2910

17.4406, 13.2187,
20.8174

■ 18.8582, 15.6743,
22.4606

■ 20.5100, 18.5842,
24.2250

■ 22.4069, 21.9702,
26.1146

■ 24.5592, 25.8525,
28.1334

Harmonies

Analogous

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



10.9015, 6.8437, 27.7308



13.4060, 6.8437, 14.2501



13.7800, 6.8437, 4.8761

Triad

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



13.4060, 6.8437, 14.2501



5.5291, 6.8437, 0.0000



3.0884, 6.8437, 23.6492

Complementary

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



13.4060, 6.8437, 14.2501



9.9273, 18.7641, 5.7895

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.



2.3844, 6.8437, 10.8041



13.4060, 6.8437, 14.2501



3.4848, 6.8437, 0.6470

Square

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



13.4060, 6.8437, 14.2501



8.5753, 6.8437, 0.0000



2.5036, 6.8437, 3.2551



4.7976, 6.8437, 35.4267

Rectangle

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



13.4060, 6.8437, 14.2501



12.6784, 6.8437, 1.8902



2.5036, 6.8437, 3.2551



2.7536, 6.8437, 19.0344

Sweetspot

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



13.4062, 6.8441, 14.2502



34.4229, 29.2100, 40.9397



5.9112, 2.7424, 24.6438



7.7414, 6.3973, 9.2233



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.



13.4062, 6.8441, 14.2502



23.3186, 11.5301, 23.2766



11.2834, 5.9949, 3.0715



5.1784, 5.1068, 6.0280



11.7951, 5.8282, 11.9573



0.0844, 0.0411, 0.1113

Inverse Universe

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



13.4062, 6.8441, 14.2502



23.3186, 11.5301, 23.2766



12.1076, 19.6362, 17.2708



5.1784, 5.1068, 6.0280



11.7951, 5.8282, 11.9573



0.0844, 0.0411, 0.1113

Previews

White Background



This preview shows how the XYZ color 13.4060, 6.8437, 14.2501 looks on a white background.

Color Contrast Check

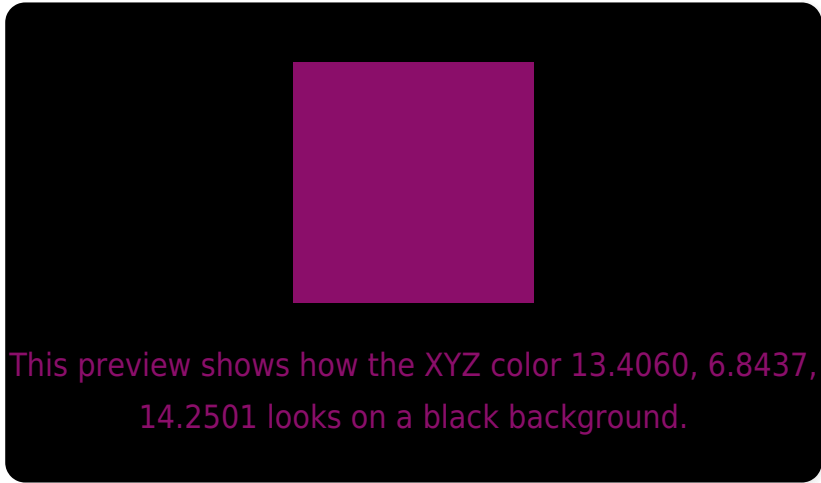
Large Text (above 18pt) WCAG AA ✓ Pass

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

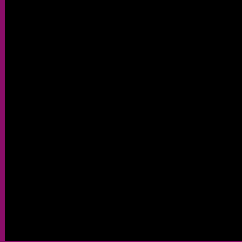
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 13.4060, 6.8437, 14.2501

Background



This preview shows how black text looks on a background with the XYZ color 13.4060, 6.8437, 14.2501.



This preview shows how white text looks on a background with the XYZ color 13.4060, 6.8437,

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

13.4060, 6.8437, 14.2501

Protanopia

8.4387, 7.3588, 29.4094

Deuteranopia

7.3667, 7.2726, 12.8199



Tritanopia

11.1690, 6.9855, 3.2423

Trichromacy



Original Color

13.4060, 6.8437, 14.2501

Protanomaly

7.9874, 5.4515, 22.8216

Deuteranomaly

8.4952, 5.9923, 13.2793

Tritanomaly

11.6830, 6.6725, 5.9824

Monochromacy



Original Color

13.4060, 6.8437, 14.2501

Achromatopsia

4.5787, 4.8172, 5.2459

Achromatomaly

6.5300, 4.6005, 7.7515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 13.4060, 6.8437, 14.2501 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(139, 14, 106)` looks like.

```
.text, #text, p{  
    color:rgb(139, 14, 106)  
}
```

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(139, 14, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 14, 106) }
```

Border

The CSS property to change the border of an element to XYZ 13.4060, 6.8437, 14.2501 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(139, 14, 106) }
```


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

```
.border{ border-color:rgb(139, 14, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 14, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 14, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 14, 106);  
box-shadow:4px 4px 4px 4px rgb(139, 14,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 13.4060, 6.8437, 14.2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 14, 106) }
```

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

```
.background{ background-color: rgb(139, 14,  
106) }
```

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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