

Converting Colors

XYZ(22.0050, 13.7641, 13.9887)

Have a look what the booklet for
XYZ(22.0050, 13.7641, 13.9887)
contains.

XYZ(22.1362, 13.8562, 14.0782)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.1362, 13.8562,
14.0782)**

Conversions

Conversions Part 1

Format	Color
Hex	B04066
RGB	176, 64, 102
RGB Percent	69%, 25%, 40%
CMY	0.3098, 0.7490, 0.6000
CMYK	0.00, 0.64, 0.42, 0.31
HSL	340°, 47%, 47%
HSV	340°, 64%, 69%
XYZ	22.1362, 13.8562, 14.0782
YIQ	101.8200, 54.5540, 35.5620

Conversions

Conversions Part 2

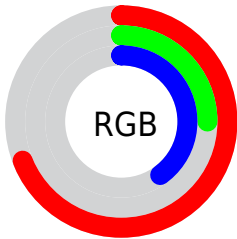
Format	Color
RYB	176, 64, 102
Decimal	11550822
CIELab	44.03, 48.89, 2.36
CIELCh	44, 48.952, 2.764
Yxy	13.8562, 0.4421, 0.2767
Android (android.graphics.Color)	4289740902 (0xFFB04066)
YUV	101.8200, 0.0887, 65.0559
Hunter-Lab	37.2239, 41.0080, 3.6331

Details

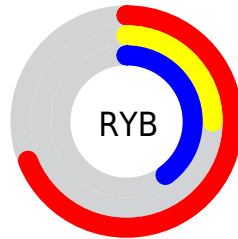
The XYZ color **22.1362, 13.8562, 14.0782** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **22.2280, 33.9761, 29.4335**, and the grayscale version is **12.5727, 13.2275, 14.4047**.

A 20% lighter version of the original color is **46.4892, 32.9189, 34.0407**, and **8.2973, 4.1978, 3.9874** is the 20% darker color. If you saturate the color by 10%, you get **20.7588, 11.9605, 10.9704**, and if you desaturate by 10%, it is **23.9084, 16.4120, 17.7170**.

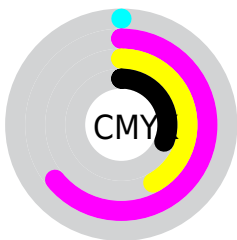
Distribution



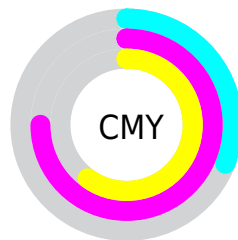
- Red (69%)
- Green (25%)
- Blue (40%)



- Red (69%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (64%)
- Yellow (42%)
- Black (31%)





- Cyan (31%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1362, 13.8562, 14.0782 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 22.1362, 13.8562, 14.0782 by changing the saturation by 10% instead.


 22.1362, 13.8562,
14.0782


 22.1362, 13.8562,
14.0782


255.8757,
216.3344, 229.1621


 14.0742, 8.0207,
8.0357


 46.4482, 32.8337,
33.9468


 8.2543, 4.1082,
4.0297


 63.4288, 46.7444,
48.6101


 4.3113, 1.7343,
1.6417

 84.1131, 64.1157,
66.9839

 1.8797, 0.4457,
0.3203

 108.8663, 85.3320,
89.4870

 0.5650, 0.0000,
0.0000

 138.0538,
110.7776, 116.5378

 0.0000, 0.0000,
0.0000

172.0410,

140.8369, 148.5549

211.1932,
175.8944, 185.9568

■ 22.1362, 13.8562,
14.0782

■ 22.1362, 13.8562,
14.0782

■ 20.7588, 11.9605,
10.9704

■ 23.9084, 16.4120,
17.7170

■ 19.7411, 10.6602,
8.3652

■ 26.1042, 19.6802,
21.9117

■ 19.0431, 9.8808,
6.2315

■ 28.7506, 23.7105,
26.6861

■ 18.7124, 9.5533,
5.0924

■ 31.8722, 28.5474,
32.0624

■ 35.4918, 34.2319,
38.0616

■ 39.6304, 40.8021,
44.7036

■ 44.3081, 48.2942,
52.0073

■ 49.5437, 56.7419,
59.9908

■ 55.3552, 66.1774,
68.6716

Harmonies

Analogous

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



20.9970, 13.8562, 27.1587



22.1362, 13.8562, 14.0782



20.5089, 13.8562, 6.2140

Triad

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



22.1362, 13.8562, 14.0782



9.5246, 13.8562, 3.2957



10.0365, 13.8562, 43.2488

Complementary

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



22.1362, 13.8562, 14.0782



22.2280, 33.9761, 29.4335

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.



7.8310, 13.8562, 29.8912



22.1362, 13.8562, 14.0782



7.5789, 13.8562, 7.2572

Square

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



22.1362, 13.8562, 14.0782



12.8128, 13.8562, 2.2152



7.0256, 13.8562, 16.1430



13.5336, 13.8562, 48.1637

Rectangle

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



22.1362, 13.8562, 14.0782



18.2307, 13.8562, 3.6556



7.0256, 13.8562, 16.1430



9.1447, 13.8562, 39.3550

Sweetspot

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



22.1366, 13.8569, 14.0784



60.5156, 56.0164, 62.6889



19.9544, 12.1038, 42.3589



12.7288, 11.5351, 12.9411



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.1366, 13.8569, 14.0784



36.8945, 20.7010, 18.0462



21.7581, 15.4563, 6.6880



8.6114, 8.5513, 9.4519



13.7546, 7.0194, 3.8676



0.4607, 0.2320, 0.2689

Inverse Universe

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



22.1366, 13.8569, 14.0784



36.8945, 20.7010, 18.0462



22.3840, 29.0903, 45.5096



8.6114, 8.5513, 9.4519



13.7546, 7.0194, 3.8676



0.4607, 0.2320, 0.2689

Previews

White Background



This preview shows how the XYZ color 22.1362, 13.8562, 14.0782 looks on a white background.

Color Contrast Check

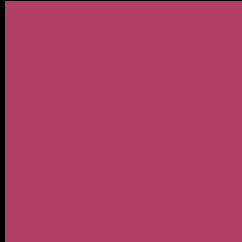
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1362, 13.8562, 14.0782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

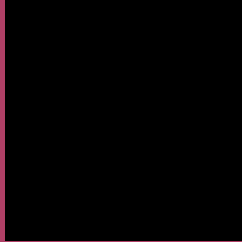
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 22.1362, 13.8562, 14.0782

Background



This preview shows how black text looks on a background with the XYZ color 22.1362, 13.8562, 14.0782.



This preview shows how white text looks on a background with the XYZ color 22.1362, 13.8562,

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

22.1362, 13.8562, 14.0782

Protanopia

13.9717, 14.1163, 21.7270

Deuteranopia

14.2826, 14.0220, 13.2630



Tritanopia

20.8817, 13.8734, 8.0558

Trichromacy



Original Color

22.1362, 13.8562, 14.0782

Protanomaly

15.6854, 13.0183, 18.5157

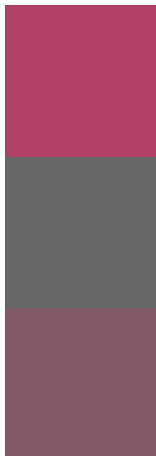
Deuteranomaly

16.3893, 13.3693, 13.5211

Tritanomaly

21.3466, 13.8883, 9.9431

Monochromacy



Original Color

22.1362, 13.8562, 14.0782

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

14.9413, 12.6059, 14.2161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1362, 13.8562, 14.0782 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(176, 64, 102)` looks like.

```
.text, #text, p{  
    color:rgb(176, 64, 102)  
}
```

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(176, 64, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 64, 102) }
```

Border

The CSS property to change the border of an element to XYZ 22.1362, 13.8562, 14.0782 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(176, 64, 102) }
```


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

```
.border{ border-color:rgb(176, 64, 102) }
```

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

Here you see how a box with a 4 pixel rgb(176, 64, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 64, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 64, 102);  
box-shadow:4px 4px 4px 4px rgb(176, 64,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1362, 13.8562, 14.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 64, 102) }
```

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

```
.background{ background-color: rgb(176, 64,  
102) }
```

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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