

Converting Colors

XYZ(14.5549, 8.6208, 4.7553)

Have a look what the booklet for
XYZ(14.5549, 8.6208, 4.7553)
contains.

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Color

**XYZ(14.4804, 8.5567,
4.7593)**

Conversions

Conversions Part 1

Format	Color
Hex	982939
RGB	152, 41, 57
RGB Percent	60%, 16%, 22%
CMY	0.4039, 0.8392, 0.7765
CMYK	0.00, 0.73, 0.62, 0.40
HSL	351°, 58%, 38%
HSV	351°, 73%, 60%
XYZ	14.4804, 8.5567, 4.7593
YIQ	76.0130, 61.0200, 28.5080

Conversions

Conversions Part 2

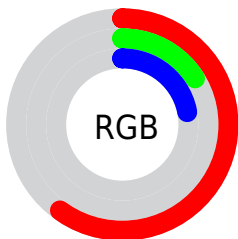
Format	Color
R_{YB}	152, 41, 57
Decimal	9972025
CIE _{Lab}	35.12, 46.72, 17.68
CIE _{LCh}	35, 49.949, 20.730
Yxy	8.5567, 0.5209, 0.3078
Android (android.graphics.Color)	4288162105 (0xFF982939)
YUV	76.0130, -9.3734, 66.6406
Hunter-Lab	29.2518, 37.1713, 10.8298

Details

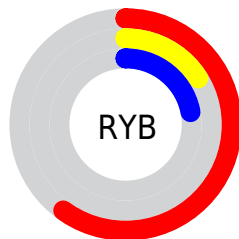
The XYZ color **14.4804, 8.5567, 4.7593** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **16.5874, 24.7058, 27.1896**, and the grayscale version is **6.8812, 7.2396, 7.8839**.

A 20% lighter version of the original color is **33.4549, 23.0328, 15.7792**, and **4.7023, 2.4142, 0.6701** is the 20% darker color. If you saturate the color by 10%, you get **13.7685, 7.5875, 3.1208**, and if you desaturate by 10%, it is **15.4789, 9.9662, 6.9039**.

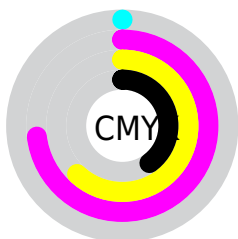
Distribution



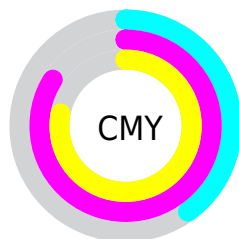
- Red (60%)
- Green (16%)
- Blue (22%)



- Red (60%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (73%)
- Yellow (62%)
- Black (40%)





- Cyan (40%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 14.4804, 8.5567, 4.7593 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 14.4804, 8.5567, 4.7593 by changing the saturation by 10% instead.


 14.4804, 8.5567,
4.7593


 14.4804, 8.5567,
4.7593


213.6506,
180.0356, 156.3242


 8.5395, 4.4532,
2.0505


 33.5182, 23.0428,
15.7262


 4.4967, 1.9302,
0.5861

 47.3458, 34.1941,
24.8213


 1.9868, 0.5664,
0.0000

 64.5330, 48.4636,
36.8824

 0.6265, 0.0000,
0.0000

 85.4452, 66.2355,
52.3278

 0.0000, 0.0000,
0.0000

 110.4477, 87.8942,
71.5761

 139.9059,

113.8242, 95.0459

174.1850,
144.4099, 123.1558

■ 14.4804, 8.5567,
4.7593

■ 14.4804, 8.5567,
4.7593

■ 13.7685, 7.5875,
3.1208

■ 15.4789, 9.9662,
6.9039

■ 13.3112, 7.0047,
1.9454

■ 16.7902, 11.8587,
9.5917

■ 13.0928, 6.7329,
1.3636

■ 18.4381, 14.2735,
12.8568

■ 20.4438, 17.2453,
16.7304

■ 22.8270, 20.8061,
21.2413

■ 25.6057, 24.9852,
26.4166

■ 28.7968, 29.8101,
32.2818

■ 32.4165, 35.3066,
38.8611

■ 36.4796, 41.4990,
46.1772

Harmonies

Analogous

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



14.9044, 8.5567, 12.1087



14.4804, 8.5567, 4.7593



12.1605, 8.5567, 1.6470

Triad

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



14.4804, 8.5567, 4.7593



4.5583, 8.5567, 2.4567



7.2740, 8.5567, 35.3265

Complementary

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



14.4804, 8.5567, 4.7593



16.5874, 24.7058, 27.1896

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.



5.1101, 8.5567, 27.7483



14.4804, 8.5567, 4.7593



3.8042, 8.5567, 6.9908

Square

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



14.4804, 8.5567, 4.7593



6.3279, 8.5567, 0.9669



3.9791, 8.5567, 16.1240



10.2520, 8.5567, 33.3731

Rectangle

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



14.4804, 8.5567, 4.7593



10.0983, 8.5567, 0.9365



3.9791, 8.5567, 16.1240



6.4406, 8.5567, 33.6972

Sweetspot

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



14.4806, 8.5572, 4.7594



40.5632, 37.1317, 38.0020



16.5089, 9.0335, 30.5792



8.9674, 8.0618, 8.1638



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



14.4806, 8.5572, 4.7594



23.7168, 12.6353, 4.0351



16.2073, 12.5516, 3.6670



6.2433, 6.2365, 6.6612



10.9855, 5.6484, 1.1829



0.1724, 0.0877, 0.0606

Inverse Universe

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



14.4806, 8.5572, 4.7594



23.7168, 12.6353, 4.0351



12.5044, 14.5829, 31.8615



6.2433, 6.2365, 6.6612



10.9855, 5.6484, 1.1829



0.1724, 0.0877, 0.0606

Previews

White Background



This preview shows how the XYZ color 14.4804, 8.5567, 4.7593 looks on a white background.

Color Contrast Check

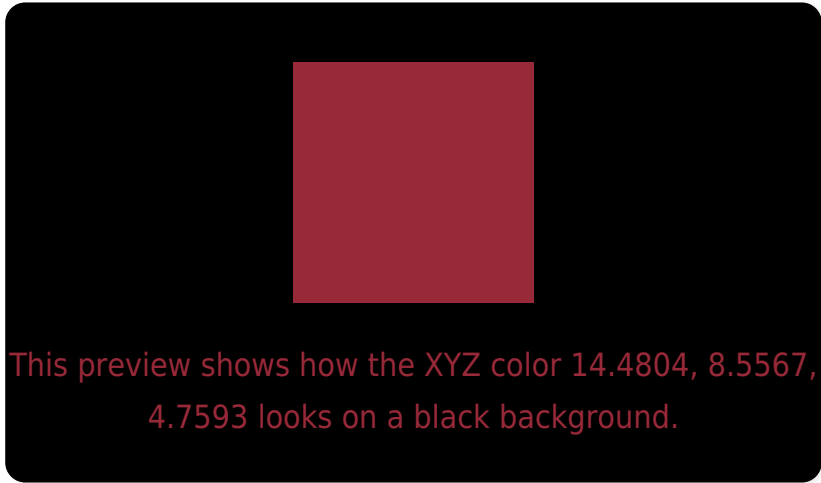
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4804, 8.5567, 4.7593

Background



This preview shows how black text looks on a background with the XYZ color 14.4804, 8.5567, 4.7593.



This preview shows how white text looks on a background with the XYZ color 14.4804, 8.5567,

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

14.4804, 8.5567, 4.7593

Protanopia

8.2937, 8.7207, 7.9028

Deuteranopia

8.8330, 8.7430, 4.3540



Tritanopia

14.1000, 8.4965, 3.3795

Trichromacy



Original Color

14.4804, 8.5567, 4.7593

Protanomaly

9.6661, 7.9311, 6.4902

Deuteranomaly

10.3365, 8.1465, 4.3958

Tritanomaly

14.1448, 8.4570, 3.7926

Monochromacy



Original Color

14.4804, 8.5567, 4.7593

Achromatopsia

6.8694, 7.2272, 7.8704

Achromatomaly

8.5606, 6.9277, 6.5162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4804, 8.5567, 4.7593 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(152, 41, 57)` looks like.

```
.text, #text, p{  
    color:rgb(152, 41, 57)  
}
```

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(152, 41, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 41, 57) }
```

Border

The CSS property to change the border of an element to XYZ 14.4804, 8.5567, 4.7593 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(152, 41, 57) }
```


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

```
.border{ border-color:rgb(152, 41, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 41, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 41, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 41, 57);  
box-shadow:4px 4px 4px 4px rgb(152, 41,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4804, 8.5567, 4.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 41, 57) }
```

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

```
.background{ background-color: rgb(152, 41,  
57) }
```

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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