

Converting Colors

XYZ(19.4457, 12.4136, 5.3742)

Have a look what the booklet for
XYZ(19.4457, 12.4136, 5.3742)
contains.

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Color

**XYZ(19.4457, 12.4136,
5.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3D3A
RGB	172, 61, 58
RGB Percent	67%, 24%, 23%
CMY	0.3255, 0.7608, 0.7725
CMYK	0.00, 0.65, 0.66, 0.33
HSL	2°, 50%, 45%
HSV	2°, 66%, 67%
XYZ	19.4457, 12.4136, 5.3742
YIQ	93.8470, 67.1190, 22.5990

Conversions

Conversions Part 2

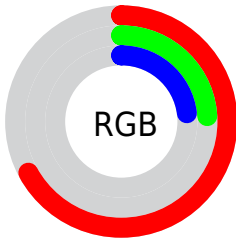
Format	Color
R_{YB}	172, 61, 58
Decimal	11287866
CIE _{Lab}	41.87, 45.20, 26.41
CIE _{LCh}	42, 52.347, 30.293
Yxy	12.4136, 0.5223, 0.3334
Android (android.graphics.Color)	4289477946 (0xFFAC3D3A)
YUV	93.8470, -17.6726, 68.5402
Hunter-Lab	35.2329, 36.8598, 15.6194

Details

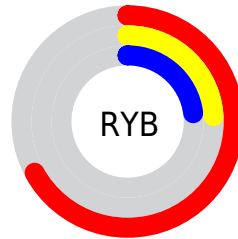
The XYZ color **19.4457, 12.4136, 5.3742** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **23.3781, 32.2517, 44.0225**, and the grayscale version is **10.6330, 11.1868, 12.1824**.

A 20% lighter version of the original color is **41.8458, 30.2104, 16.9903**, and **6.9036, 3.5481, 0.8112** is the 20% darker color. If you saturate the color by 10%, you get **18.3203, 10.7501, 3.1891**, and if you desaturate by 10%, it is **20.9969, 14.6951, 8.4225**.

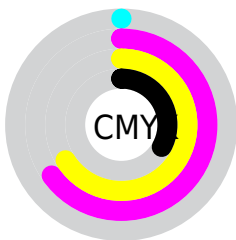
Distribution



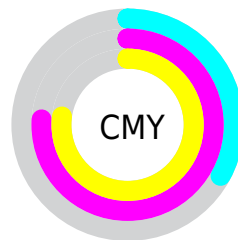
- Red (67%)
- Green (24%)
- Blue (23%)



- Red (67%)
- Yellow (24%)
- Blue (23%)



- Cyan (0%)
- Magenta (65%)
- Yellow (66%)
- Black (33%)





- Cyan (33%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4457, 12.4136, 5.3742 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 19.4457, 12.4136, 5.3742 by changing the saturation by 10% instead.


 19.4457, 12.4136,
5.3742

 19.4457, 12.4136,
5.3742


241.7895,
207.1245, 162.4556


 12.0987, 7.0260,
2.4059


 41.9970, 30.2462,
17.0721

 6.8836, 3.4784,
0.7897


 57.9319, 43.4600,
26.6388

 3.4351, 1.3863,
0.0000

 77.4602, 60.0513,
39.2421

 1.3878, 0.2066,
0.0000

 100.9472, 80.4045,
55.3005

 0.2475, 0.0000,
0.0000

 128.7583,
104.9041, 75.2324

 0.0000, 0.0000,
0.0000

 161.2588,

133.9343, 99.4566

198.8141,
167.8797, 128.3915

■ 19.4457, 12.4136,
5.3742

■ 19.4457, 12.4136,
5.3742

■ 18.3203, 10.7501,
3.1891

■ 20.9969, 14.6951,
8.4225

■ 17.5777, 9.6425,
1.7773

■ 23.0098, 17.6449,
12.4104

■ 17.1652, 9.0187,
1.0199

■ 25.5172, 21.3104,
17.4066

■ 17.0624, 8.8690,
0.8126

■ 28.5491, 25.7341,
23.4731

■ 32.1328, 30.9553,
30.6672

■ 36.2937, 37.0106,
39.0419

■ 41.0559, 43.9342,
48.6469

■ 46.4418, 51.7584,
59.5291

■ 52.4728, 60.5140,
71.7329

Harmonies

Analogous

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



20.8955, 12.4136, 13.4076



19.4457, 12.4136, 5.3742



15.8763, 12.4136, 2.1793

Triad

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



19.4457, 12.4136, 5.3742



6.4511, 12.4136, 5.4769



11.8368, 12.4136, 47.9060

Complementary

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



19.4457, 12.4136, 5.3742



23.3781, 32.2517, 44.0225

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.



8.4870, 12.4136, 41.6962



19.4457, 12.4136, 5.3742



5.8201, 12.4136, 13.6256

Square

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



19.4457, 12.4136, 5.3742



8.4342, 12.4136, 2.2117



6.4766, 12.4136, 27.3391



15.9567, 12.4136, 41.4657

Rectangle

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



19.4457, 12.4136, 5.3742



13.0961, 12.4136, 1.5214



6.4766, 12.4136, 27.3391



10.5901, 12.4136, 47.2021

Sweetspot

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



19.4460, 12.4143, 5.3744



55.5176, 52.1143, 50.0571



25.7914, 14.7029, 39.5581



11.6844, 10.7708, 10.1142



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



19.4460, 12.4143, 5.3744



32.4601, 18.3481, 4.3012



24.1266, 21.7754, 6.9346



8.0215, 8.0479, 8.3440



12.7037, 6.6129, 0.6069



0.3588, 0.1947, 0.0187

Inverse Universe

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



23.3781, 32.2517, 44.0225



40.0916, 56.9703, 79.6891



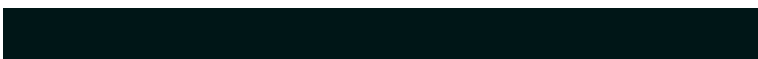
15.1076, 15.7107, 41.2657



8.2180, 9.0353, 10.2635



15.8949, 22.9236, 32.6315



0.4477, 0.6488, 0.9096

Previews

White Background



This preview shows how the XYZ color 19.4457, 12.4136, 5.3742 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



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 19.4457, 12.4136, 5.3742

Background



This preview shows how black text looks on a background with the XYZ color 19.4457, 12.4136, 5.3742.



This preview shows how white text looks on a background with the XYZ color 19.4457, 12.4136,

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

19.4457, 12.4136, 5.3742

Protanopia

11.7278, 12.5305, 8.1038

Deuteranopia

12.7381, 12.5699, 5.0037



Tritanopia

19.5545, 12.3725, 6.2080

Trichromacy



Original Color

19.4457, 12.4136, 5.3742

Protanomaly

13.6520, 11.7396, 7.0153

Deuteranomaly

14.5743, 12.0283, 5.0436

Tritanomaly

19.4986, 12.3502, 5.9136

Monochromacy



Original Color

19.4457, 12.4136, 5.3742

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.5285, 10.7662, 9.2023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4457, 12.4136, 5.3742 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(172, 61, 58)` looks like.

```
.text, #text, p{  
    color:rgb(172, 61, 58)  
}
```

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(172, 61, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 61, 58) }
```

Border

The CSS property to change the border of an element to XYZ 19.4457, 12.4136, 5.3742 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(172, 61, 58) }
```


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

```
.border{ border-color:rgb(172, 61, 58) }
```

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

Here you see how a box with a 4 pixel rgb(172, 61, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 61, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 61, 58);  
box-shadow:4px 4px 4px 4px rgb(172, 61,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4457, 12.4136, 5.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 61, 58) }
```

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

```
.background{ background-color: rgb(172, 61,  
58) }
```

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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