

Converting Colors

XYZ(24.2506, 19.6194, 15.6641)

Have a look what the booklet for
XYZ(24.2506, 19.6194, 15.6641)
contains.

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Color

**XYZ(24.2436, 19.5580,
15.5940)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6868
RGB	171, 104, 104
RGB Percent	67%, 41%, 41%
CMY	0.3294, 0.5921, 0.5922
CMYK	0.00, 0.39, 0.39, 0.33
HSL	0°, 29%, 54%
HSV	0°, 39%, 67%
XYZ	24.2436, 19.5580, 15.5940
YIQ	124.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

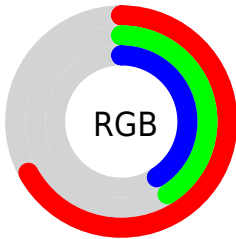
Format	Color
R_{YB}	171, 104, 104
Decimal	11233384
CIE _{Lab}	51.33, 26.86, 11.45
CIE _{LCh}	51, 29.203, 23.091
Yxy	19.5580, 0.4082, 0.3293
Android (android.graphics.Color)	4289423464 (0xFFAB6868)
YUV	124.0330, -9.8763, 41.1901
Hunter-Lab	44.2244, 20.4600, 10.0508

Details

The XYZ color **24.2436, 19.5580, 15.5940** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.6220, 35.0079, 43.8295**, and the grayscale version is **19.1922, 20.1917, 21.9887**.

A 20% lighter version of the original color is **49.7998, 42.6375, 36.6155**, and **9.3072, 6.7408, 4.6815** is the 20% darker color. If you saturate the color by 10%, you get **21.9114, 16.1455, 10.9571**, and if you desaturate by 10%, it is **27.1020, 23.7408, 21.2756**.

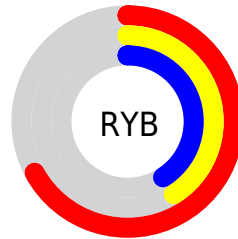
Distribution



Red (67%)

Green (41%)

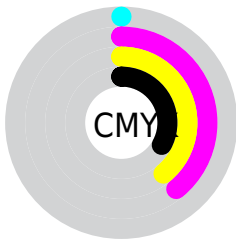
Blue (41%)



Red (67%)

Yellow (41%)

Blue (41%)

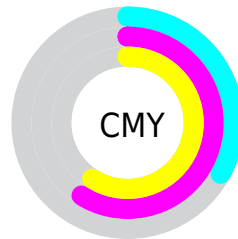


Cyan (0%)

Magenta (39%)

Yellow (39%)

Black (33%)



Cyan (33%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.2436, 19.5580, 15.5940 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 24.2436, 19.5580, 15.5940 by changing the saturation by 10% instead.


 24.2436, 19.5580,
15.5940


 24.2436, 19.5580,
15.5940


266.4674,
249.5122, 238.6973


 15.6401, 12.0742,
9.0861


 49.8792, 42.6749,
36.6488

 9.3591, 6.7942,
4.6998


 67.6421, 59.0767,
52.0329

 5.0351, 3.3337,
2.0166


 89.1888, 79.2200,
71.2127

 2.3029, 1.3083,
0.5654

 114.8847,
103.4892, 94.6068

 0.7961, 0.1477,
0.0000

145.0951,
132.2686, 122.6338

 0.0000, 0.0000,
0.0000

180.1855,

165.9426, 155.7121

220.5212,
204.8957, 194.2605

■ 24.2436, 19.5580,
15.5940

■ 24.2436, 19.5580,
15.5940

■ 21.9114, 16.1455,
10.9571

■ 27.1020, 23.7408,
21.2756

■ 20.0719, 13.4538,
7.3004

■ 30.5142, 28.7339,
28.0590

■ 18.6902, 11.4318,
4.5537


■ 34.5079, 34.5779,
35.9984


■ 17.7261, 10.0211,
2.6373

■ 39.1085, 41.3098,
45.1442


■ 17.1326, 9.1526,
1.4576

■ 44.3397, 48.9645,
55.5438


 16.8176, 8.6916,
0.8315

 50.2241, 57.5750,
67.2420

 16.7947, 8.6581,
0.7860

 56.7832, 67.1727,
80.2814

 64.0373, 77.7875,
94.7026

 70.6046, 87.3979,
107.7560

Harmonies

Analogous

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



24.7349, 19.5580, 23.2876



24.2436, 19.5580, 15.5940



22.1669, 19.5580, 10.8568

Triad

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



24.2436, 19.5580, 15.5940



14.4538, 19.5580, 13.0288



17.9224, 19.5580, 41.5648

Complementary

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



24.2436, 19.5580, 15.5940



27.6220, 35.0079, 43.8295

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.



15.4189, 19.5580, 36.9030



24.2436, 19.5580, 15.5940



13.5566, 19.5580, 19.4200

Square

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



24.2436, 19.5580, 15.5940



16.4743, 19.5580, 9.6692



13.8905, 19.5580, 28.2403



20.8780, 19.5580, 39.7629

Rectangle

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



24.2436, 19.5580, 15.5940



20.2696, 19.5580, 9.3233



13.8905, 19.5580, 28.2403



17.0045, 19.5580, 40.6685

Sweetspot

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



24.2441, 19.5590, 15.5944



59.5210, 58.5895, 59.9368



29.0957, 21.4990, 41.1443



13.0696, 12.7675, 12.9610



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.



24.2441, 19.5590, 15.5944



39.7532, 29.6636, 20.6395



28.3103, 27.6914, 16.9498



8.0053, 8.0154, 8.3386



12.6607, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



27.6220, 35.0079, 43.8295



46.6590, 61.2480, 78.3647



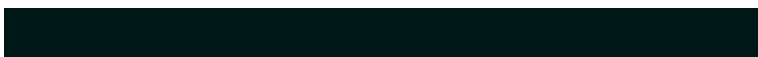
22.0767, 23.9173, 41.9811



8.2363, 9.0720, 10.2697



16.5183, 24.1705, 32.8393



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 24.2436, 19.5580, 15.5940 looks on a white 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

Black Background



This preview shows how the XYZ color 24.2436, 19.5580, 15.5940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

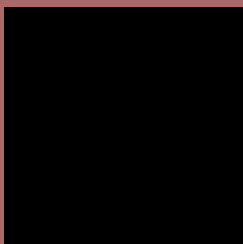
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2436, 19.5580, 15.5940

Background



This preview shows how black text looks on a background with the XYZ color 24.2436, 19.5580, 15.5940.



This preview shows how white text looks on a background with the XYZ color 24.2436, 19.5580,

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

24.2436, 19.5580, 15.5940

Protanopia

18.6926, 19.6233, 18.4253

Deuteranopia

20.0320, 19.6670, 15.3107



Tritanopia

24.7327, 19.6188, 17.5222

Trichromacy



Original Color

24.2436, 19.5580, 15.5940

Protanomaly

20.2729, 19.2269, 17.3945

Deuteranomaly

21.4902, 19.5618, 15.4751

Tritanomaly

24.5703, 19.5539, 16.6666

Monochromacy



Original Color

24.2436, 19.5580, 15.5940

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

20.5567, 19.6697, 19.5428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2436, 19.5580, 15.5940 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(171, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(171, 104, 104)  
}
```

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(171, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 24.2436, 19.5580, 15.5940 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(171, 104, 104) }
```


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

```
.border{ border-color:rgb(171, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(171, 104,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2436, 19.5580, 15.5940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 104, 104) }
```

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

```
.background{ background-color: rgb(171,  
104, 104) }
```

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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