

Converting Colors

XYZ(24.5702, 20.0758, 31.4952)

Have a look what the booklet for
XYZ(24.5702, 20.0758, 31.4952)
contains.

XYZ(24.6840, 20.2072, 31.4536)	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(24.6840, 20.2072,
31.4536)**

Conversions

Conversions Part 1

Format	Color
Hex	9C6D96
RGB	156, 109, 150
RGB Percent	61%, 43%, 59%
CMY	0.3882, 0.5725, 0.4118
CMYK	0.00, 0.30, 0.04, 0.39
HSL	308°, 19%, 52%
HSV	308°, 30%, 61%
XYZ	24.6840, 20.2072, 31.4536
YIQ	127.7270, 14.8510, 22.7150

Conversions

Conversions Part 2

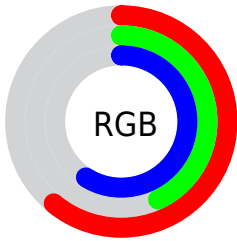
Format	Color
R_{YB}	156, 109, 150
Decimal	10251670
CIE _{Lab}	52.07, 25.60, -14.85
CIE _{LCh}	52, 29.590, 329.883
Yxy	20.2072, 0.3233, 0.2647
Android (android.graphics.Color)	4288441750 (0xFF9C6D96)
YUV	127.7270, 10.9806, 24.7954
Hunter-Lab	44.9524, 19.3501, -10.0190

Details

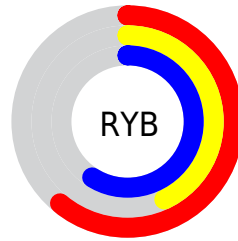
The XYZ color **24.6840, 20.2072, 31.4536** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.2905, 28.2666, 20.5547**, and the grayscale version is **20.3834, 21.4450, 23.3536**.

A 20% lighter version of the original color is **50.5079, 43.6983, 62.8993**, and **9.5769, 7.0756, 12.6654** is the 20% darker color. If you saturate the color by 10%, you get **23.0064, 17.1061, 30.1100**, and if you desaturate by 10%, it is **26.6609, 23.9019, 32.9109**.

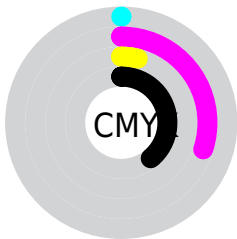
Distribution



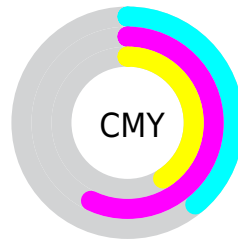
- Red (61%)
- Green (43%)
- Blue (59%)



- Red (61%)
- Yellow (43%)
- Blue (59%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6840, 20.2072, 31.4536 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 24.6840, 20.2072, 31.4536 by changing the saturation by 10% instead.

■ 24.6840, 20.2072,
31.4536

■ 24.6840, 20.2072,
31.4536

268.6373,
253.0346, 323.0383

■ 15.9693, 12.5457,
20.6831

■ 50.5907, 43.7643,
63.0414

■ 9.5931, 7.1165,
12.7036

■ 68.5134, 60.4287,
84.6959

■ 5.1902, 3.5351,
7.0964

■ 90.2361, 80.8630,
110.8154

■ 2.3952, 1.4170,
3.4431

■ 116.1242,
105.4513, 141.8186

■ 0.8427, 0.2292,
1.3251

146.5430,
134.5783, 178.1239

■ 0.0000, 0.0000,
0.0822

181.8579,

■ 0.0000, 0.0000,

168.6283, 220.1500

0.0000

222.4342,
207.9856, 268.3153

■ 24.6840, 20.2072,
31.4536

■ 24.6840, 20.2072,
31.4536

■ 23.0064, 17.1061,
30.1100

■ 26.6609, 23.9019,
32.9109

■ 21.6106, 14.5648,
28.8735

■ 28.9498, 28.2164,
34.4855

■ 20.4802, 12.5498,
27.7388

■ 31.5648, 33.1787,
36.1823

■ 19.5963, 11.0235,
26.6994

■ 34.5186, 38.8142,
38.0057

■ 18.9373, 9.9429,
25.7483

■ 37.8233, 45.1471,
39.9598

■ 18.4782, 9.2576,
24.8769

■ 41.4904, 52.2001,
42.0485

■ 18.1604, 8.8480,
24.0745

■ 45.5306, 59.9952,
44.2754

■ 49.9546, 68.5532,
46.6441

■ 54.7724, 77.8942,
49.1581

Harmonies

Analogous

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



22.2494, 20.2072, 39.8157



24.6840, 20.2072, 31.4536



25.6229, 20.2072, 22.0363

Triad

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



24.6840, 20.2072, 31.4536



19.2182, 20.2072, 9.2035



14.5957, 20.2072, 31.3789

Complementary

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



24.6840, 20.2072, 31.4536



21.2905, 28.2666, 20.5547

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.



13.9618, 20.2072, 21.9682



24.6840, 20.2072, 31.4536



16.4542, 20.2072, 10.4973

Square

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



24.6840, 20.2072, 31.4536



22.2721, 20.2072, 10.5181



14.6056, 20.2072, 14.6636



16.4357, 20.2072, 39.7652

Rectangle

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



24.6840, 20.2072, 31.4536



25.2055, 20.2072, 16.8138



14.6056, 20.2072, 14.6636



14.2437, 20.2072, 28.1613

Sweetspot

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



24.6846, 20.2081, 31.4540



53.0050, 52.0517, 62.9171



18.4728, 16.9485, 33.7508



11.5296, 11.2005, 13.7553



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.6846, 20.2081, 31.4540



42.7670, 32.8751, 55.4984



23.0116, 19.5389, 22.6438



6.8677, 6.7400, 8.1544



14.9672, 7.2915, 19.8763



0.2768, 0.1341, 0.4039

Inverse Universe

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



24.6846, 20.2081, 31.4540



42.7670, 32.8751, 55.4984



22.7822, 28.8633, 28.4096



6.8677, 6.7400, 8.1544



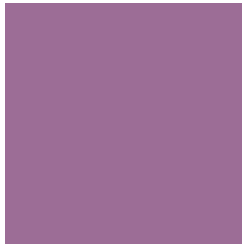
14.9672, 7.2915, 19.8763



0.2768, 0.1341, 0.4039

Previews

White Background



This preview shows how the XYZ color 24.6840, 20.2072, 31.4536 looks on a white background.

Color Contrast Check

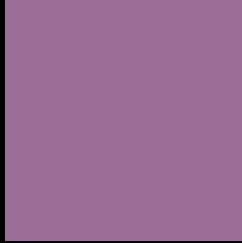
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.6840, 20.2072, 31.4536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

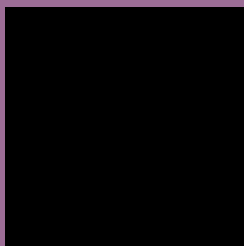
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.6840, 20.2072, 31.4536

Background



This preview shows how black text looks on a background with the XYZ color 24.6840, 20.2072, 31.4536.



This preview shows how white text looks on a background with the XYZ color 24.6840, 20.2072,

31.4536.

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

24.6840, 20.2072, 31.4536

Protanopia

20.4984, 20.3488, 36.1050

Deuteranopia

20.7623, 20.4172, 30.8636



Tritanopia

22.5414, 20.1401, 21.4383

Trichromacy



Original Color

24.6840, 20.2072, 31.4536

Protanomaly

21.6851, 20.1030, 34.1898

Deuteranomaly

21.9394, 20.1267, 31.1623

Tritanomaly

23.1647, 20.0541, 24.8402

Monochromacy



Original Color

24.6840, 20.2072, 31.4536

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.7625, 20.8556, 26.1711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6840, 20.2072, 31.4536 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(156, 109, 150)` looks like.

```
.text, #text, p{  
    color:rgb(156, 109, 150)  
}
```

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(156, 109, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 109, 150) }
```

Border

The CSS property to change the border of an element to XYZ 24.6840, 20.2072, 31.4536 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(156, 109, 150) }
```


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

```
.border{ border-color:rgb(156, 109, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 109, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 109, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 109, 150);  
box-shadow:4px 4px 4px 4px rgb(156, 109,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6840, 20.2072, 31.4536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 109, 150) }
```

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

```
.background{ background-color: rgb(156,  
109, 150) }
```

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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