

Converting Colors

XYZ(24.9339, 20.6976, 34.2532)

Have a look what the booklet for
XYZ(24.9339, 20.6976, 34.2532)
contains.

XYZ(24.9318, 20.7609, 34.1457)	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(24.9318, 20.7609,
34.1457)**

Conversions

Conversions Part 1

Format	Color
Hex	99709C
RGB	153, 112, 156
RGB Percent	60%, 44%, 61%
CMY	0.4000, 0.5608, 0.3882
CMYK	0.02, 0.28, 0.00, 0.39
HSL	296°, 18%, 53%
HSV	296°, 28%, 61%
XYZ	24.9318, 20.7609, 34.1457
YIQ	129.2750, 10.3120, 22.3760

Conversions

Conversions Part 2

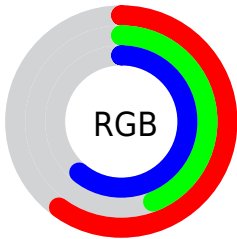
Format	Color
RYB	153, 112, 156
Decimal	10055836
CIELab	52.69, 24.00, -17.45
CIELCh	53, 29.679, 323.977
Yxy	20.7609, 0.3123, 0.2600
Android (android.graphics.Color)	4288245916 (0xFF99709C)
YUV	129.2750, 13.1754, 20.8068
Hunter-Lab	45.5641, 17.9345, -12.5370

Details

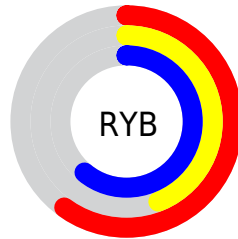
The XYZ color **24.9318, 20.7609, 34.1457** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.8840, 28.5921, 19.6956**, and the grayscale version is **20.9158, 22.0051, 23.9636**.

A 20% lighter version of the original color is **51.0458, 44.6640, 67.5586**, and **9.6941, 7.3416, 14.2707** is the 20% darker color. If you saturate the color by 10%, you get **23.1578, 17.5092, 33.6119**, and if you desaturate by 10%, it is **27.0071, 24.6118, 34.7799**.

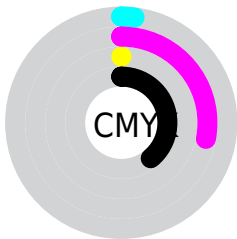
Distribution



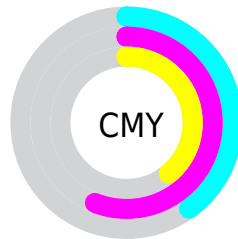
- Red (60%)
- Green (44%)
- Blue (61%)



- Red (60%)
- Yellow (44%)
- Blue (61%)



- Cyan (2%)
- Magenta (28%)
- Yellow (0%)
- Black (39%)



- Cyan (40%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9318, 20.7609, 34.1457 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 24.9318, 20.7609, 34.1457 by changing the saturation by 10% instead.

■ 24.9318, 20.7609,
34.1457

■ 24.9318, 20.7609,
34.1457

269.8520,
256.0051, 335.5702

■ 16.1547, 12.9493,
22.7273

■ 50.9903, 44.6893,
67.2967

■ 9.7252, 7.3937,
14.1889

■ 69.0023, 61.5749,
89.8663

■ 5.2780, 3.7095,
8.1119

■ 90.8234, 82.2539,
116.9901

■ 2.4477, 1.5124,
4.0778

■ 116.8189,
107.1108, 149.0866

■ 0.8690, 0.2974,
1.6681

147.3542,
136.5300, 186.5743

■ 0.0000, 0.0000,
0.3388

182.7946,

■ 0.0000, 0.0000,

170.8959, 229.8717

0.0000

223.5054,
210.5927, 279.3975

■ 24.9318, 20.7609,
34.1457

■ 24.9318, 20.7609,
34.1457

■ 23.1578, 17.5092,
33.6119

■ 27.0071, 24.6118,
34.7799

■ 21.6678, 14.8232,
33.1720

■ 29.3960, 29.0876,
35.5179

■ 20.4457, 12.6704,
32.8208

■ 32.1126, 34.2161,
36.3647

■ 19.4729, 11.0135,
32.5523

■ 35.1694, 40.0224,
37.3243

■ 18.7286, 9.8110,
32.3594

■ 38.5784, 46.5302,
38.4007

■ 18.1884, 9.0141,
32.2341

■ 42.3508, 53.7624,
39.5979

■ 17.8067, 8.5316,
32.1611

■ 46.4975, 61.7405,
40.9192

■ 17.7425, 8.4534,
32.1493

■ 51.0290, 70.4852,
42.3683

■ 55.9551, 80.0165,
43.9484

Harmonies

Analogous

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



22.2437, 20.7609, 41.9611



24.9318, 20.7609, 34.1457



26.2420, 20.7609, 24.4356

Triad

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



24.9318, 20.7609, 34.1457



20.3618, 20.7609, 9.5660



14.7919, 20.7609, 30.2388

Complementary

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



24.9318, 20.7609, 34.1457



21.8840, 28.5921, 19.6956

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.



14.3999, 20.7609, 20.8683



24.9318, 20.7609, 34.1457



17.4180, 20.7609, 10.3608

Square

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



24.9318, 20.7609, 34.1457



23.4324, 20.7609, 11.4574



15.3117, 20.7609, 14.0108



16.4443, 20.7609, 39.3249

Rectangle

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



24.9318, 20.7609, 34.1457



26.0695, 20.7609, 18.7436



15.3117, 20.7609, 14.0108



14.5160, 20.7609, 26.9636

Sweetspot

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



24.9325, 20.7618, 34.1461



53.4120, 52.8702, 64.5166



18.8907, 18.2600, 33.9817



11.6091, 11.3633, 14.1518



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.



24.9325, 20.7618, 34.1461



43.1382, 33.7666, 61.3707



24.0684, 20.4824, 26.6040



6.8595, 6.7316, 8.3445



14.6259, 6.9690, 26.4815



0.2735, 0.1308, 0.4741

Inverse Universe

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



22.5996, 19.8949, 18.8694



38.2028, 31.9399, 28.7190



22.6229, 28.8429, 25.6122



6.6505, 6.6531, 7.0106



11.3464, 5.8431, 0.8094



0.2076, 0.1064, 0.0395

Previews

White Background



This preview shows how the XYZ color 24.9318, 20.7609, 34.1457 looks on a white background.

Color Contrast Check

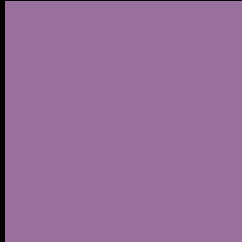
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9318, 20.7609, 34.1457 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 24.9318, 20.7609, 34.1457

Background



This preview shows how black text looks on a background with the XYZ color 24.9318, 20.7609, 34.1457.



This preview shows how white text looks on a background with the XYZ color 24.9318, 20.7609,

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

24.9318, 20.7609, 34.1457

Protanopia

21.1954, 21.0287, 38.5391

Deuteranopia

21.2279, 20.7841, 33.4648



Tritanopia

22.7036, 20.8787, 22.9121

Trichromacy



Original Color

24.9318, 20.7609, 34.1457

Protanomaly

22.2913, 20.7087, 37.0047

Deuteranomaly

22.5049, 20.7111, 33.8219

Tritanomaly

23.4105, 20.8098, 26.8276

Monochromacy



Original Color

24.9318, 20.7609, 34.1457

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.2244, 21.4333, 27.3918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9318, 20.7609, 34.1457 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(153, 112, 156)` looks like.

```
.text, #text, p{  
    color:rgb(153, 112, 156)  
}
```

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(153, 112, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 112, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.9318, 20.7609, 34.1457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

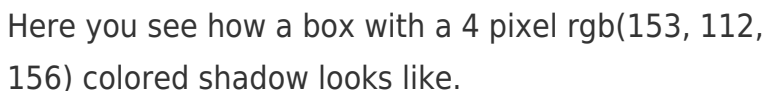
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 112, 156) }
```


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

```
.border{ border-color:rgb(153, 112, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 112, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 112, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 112, 156);  
box-shadow:4px 4px 4px 4px rgb(153, 112,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9318, 20.7609, 34.1457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 112, 156) }
```

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

```
.background{ background-color: rgb(153,  
112, 156) }
```

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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