

Converting Colors

XYZ(24.1993, 20.9228, 32.4014)

Have a look what the booklet for
XYZ(24.1993, 20.9228, 32.4014)
contains.

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Color

**XYZ(24.1927, 20.9180,
32.4683)**

Conversions

Conversions Part 1

Format	Color
Hex	957398
RGB	149, 115, 152
RGB Percent	58%, 45%, 60%
CMY	0.4157, 0.5490, 0.4039
CMYK	0.02, 0.24, 0.00, 0.40
HSL	295°, 15%, 52%
HSV	295°, 24%, 60%
XYZ	24.1927, 20.9180, 32.4683
YIQ	129.3840, 8.3870, 18.7150

Conversions

Conversions Part 2

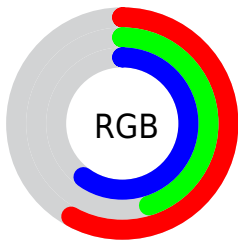
Format	Color
R_{YB}	149, 115, 152
Decimal	9794456
CIE _{Lab}	52.86, 20.06, -14.89
CIE _{LCh}	53, 24.988, 323.413
Yxy	20.9180, 0.3118, 0.2696
Android (android.graphics.Color)	4287984536 (0xFF957398)
YUV	129.3840, 11.1497, 17.2032
Hunter-Lab	45.7362, 14.3813, -10.0749

Details

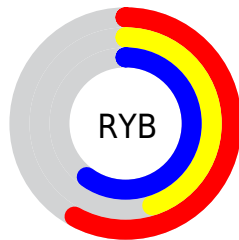
The XYZ color **24.1927, 20.9180, 32.4683** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.7946, 27.5464, 20.3889**, and the grayscale version is **20.9615, 22.0531, 24.0158**.

A 20% lighter version of the original color is **49.5879, 44.7902, 64.4243**, and **9.3342, 7.4327, 13.2546** is the 20% darker color. If you saturate the color by 10%, you get **22.3769, 17.6180, 31.9274**, and if you desaturate by 10%, it is **26.2980, 24.7926, 33.1055**.

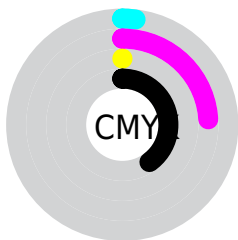
Distribution



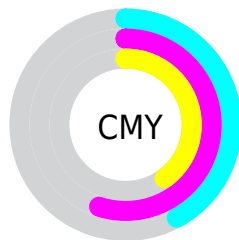
- Red (58%)
- Green (45%)
- Blue (60%)



- Red (58%)
- Yellow (45%)
- Blue (60%)



- Cyan (2%)
- Magenta (24%)
- Yellow (0%)
- Black (40%)



- Cyan (42%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1927, 20.9180, 32.4683 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 24.1927, 20.9180, 32.4683 by changing the saturation by 10% instead.

■ 24.1927, 20.9180,
32.4683

■ 24.1927, 20.9180,
32.4683

266.2157,
256.8424, 327.8052

■ 15.6021, 13.0641,
21.4517

■ 49.7969, 44.9510,
64.6509

■ 9.3321, 7.4727,
13.2601

■ 67.5412, 61.8989,
86.6540

■ 5.0173, 3.7594,
7.4751

■ 89.0675, 82.6469,
113.1563

■ 2.2923, 1.5399,
3.6780

■ 114.7410,
107.5794, 144.5764

■ 0.7907, 0.3166,
1.4504

144.9273,
137.0808, 181.3328

■ 0.0000, 0.0000,
0.1806

179.9916,

■ 0.0000, 0.0000,

171.5355, 223.8440

0.0000

220.2993,
211.3279, 272.5287

■ 24.1927, 20.9180,
32.4683

■ 24.1927, 20.9180,
32.4683

■ 22.3769, 17.6180,
31.9274

■ 26.2980, 24.7926,
33.1055

■ 20.8346, 14.8620,
31.4767

■ 28.7039, 29.2653,
33.8420

■ 19.5514, 12.6205,
31.1116

■ 31.4232, 34.3613,
34.6823

■ 18.5104, 10.8601,
30.8267

■ 34.4676, 40.1039,
35.6303

■ 17.6932, 9.5436,
30.6157

■ 37.8480, 46.5149,
36.6896

■ 17.0783, 8.6283,
30.4714

■ 41.5748, 53.6152,
37.8637

■ 16.6396, 8.0619,
30.3852

■ 45.6581, 61.4247,
39.1559

■ 16.4286, 7.8146,
30.3486

■ 50.1074, 69.9628,
40.5694

■ 54.9320, 79.2478,
42.1073

Harmonies

Analogous

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



21.9448, 20.9180, 38.6864



24.1927, 20.9180, 32.4683



25.2991, 20.9180, 24.4660

Triad

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



24.1927, 20.9180, 32.4683



20.4635, 20.9180, 11.2686



15.6207, 20.9180, 28.9819

Complementary

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



24.1927, 20.9180, 32.4683



21.7946, 27.5464, 20.3889

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.



15.2991, 20.9180, 21.1660



24.1927, 20.9180, 32.4683



17.9526, 20.9180, 11.9638

Square

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



24.1927, 20.9180, 32.4683



23.0277, 20.9180, 13.0702



16.1163, 20.9180, 15.2347



17.0366, 20.9180, 36.3851

Rectangle

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



24.1927, 20.9180, 32.4683



25.1774, 20.9180, 19.6003



16.1163, 20.9180, 15.2347



15.3865, 20.9180, 26.2777

Sweetspot

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



24.1933, 20.9189, 32.4688



49.4226, 49.3395, 59.3523



19.2268, 18.8893, 32.3388



11.1815, 11.1181, 13.4742



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.



24.1933, 20.9189, 32.4688



40.9665, 33.7570, 56.7903



23.5658, 20.7319, 26.2708



6.4118, 6.2982, 7.8067



13.7871, 6.5586, 25.4470



0.2187, 0.1046, 0.3810

Inverse Universe

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



22.3503, 20.2457, 19.8702



37.1839, 32.3809, 30.6858



22.3565, 27.7248, 25.4399



6.2281, 6.2304, 6.5814



10.9200, 5.6222, 0.8376



0.1680, 0.0859, 0.0374

Previews

White Background



This preview shows how the XYZ color 24.1927, 20.9180, 32.4683 looks on a white background.

Color Contrast Check

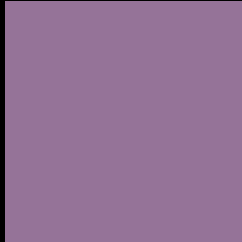
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1927, 20.9180, 32.4683 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 24.1927, 20.9180, 32.4683

Background



This preview shows how black text looks on a background with the XYZ color 24.1927, 20.9180, 32.4683.



This preview shows how white text looks on a background with the XYZ color 24.1927, 20.9180,

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

24.1927, 20.9180, 32.4683

Protanopia

21.0628, 21.0220, 35.7484

Deuteranopia

21.3404, 20.8800, 31.7596



Tritanopia

22.4133, 20.8896, 23.6197

Trichromacy



Original Color

24.1927, 20.9180, 32.4683

Protanomaly

21.8914, 20.7422, 34.3023

Deuteranomaly

22.2941, 20.8182, 32.1214

Tritanomaly

23.0264, 20.9661, 26.5001

Monochromacy



Original Color

24.1927, 20.9180, 32.4683

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.8764, 21.4557, 26.6553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1927, 20.9180, 32.4683 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(149, 115, 152)` looks like.

```
.text, #text, p{  
    color:rgb(149, 115, 152)  
}
```

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(149, 115, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 115, 152) }
```

Border

The CSS property to change the border of an element to XYZ 24.1927, 20.9180, 32.4683 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(149, 115, 152) }
```


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

```
.border{ border-color:rgb(149, 115, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 115, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 115, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 115, 152);  
box-shadow:4px 4px 4px 4px rgb(149, 115,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1927, 20.9180, 32.4683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 115, 152) }
```

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

```
.background{ background-color: rgb(149,  
115, 152) }
```

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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