

Converting Colors

XYZ(26.1560, 23.9275, 36.7537)

Have a look what the booklet for
XYZ(26.1560, 23.9275, 36.7537)
contains.

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Color

**XYZ(26.2351, 24.0479,
36.9772)**

Conversions

Conversions Part 1

Format	Color
Hex	947FA1
RGB	148, 127, 161
RGB Percent	58%, 50%, 63%
CMY	0.4196, 0.5019, 0.3686
CMYK	0.08, 0.21, 0.00, 0.37
HSL	277°, 15%, 56%
HSV	277°, 21%, 63%
XYZ	26.2351, 24.0479, 36.9772
YIQ	137.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

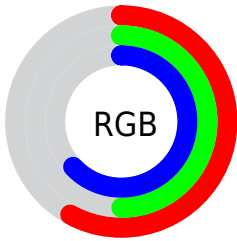
Format	Color
R_{YB}	148, 127, 161
Decimal	9732001
CIE _{Lab}	56.14, 14.62, -15.16
CIE _{LCh}	56, 21.065, 313.953
Yxy	24.0479, 0.3007, 0.2756
Android (android.graphics.Color)	4287922081 (0xFF947FA1)
YUV	137.1550, 11.7556, 9.5111
Hunter-Lab	49.0387, 9.6777, -10.3801

Details

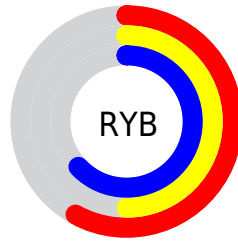
The XYZ color **26.2351, 24.0479, 36.9772** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **27.3919, 32.5982, 24.9283**, and the grayscale version is **23.7936, 25.0327, 27.2607**.

A 20% lighter version of the original color is **53.0730, 50.1569, 71.8498**, and **10.4145, 9.0943, 15.6745** is the 20% darker color. If you saturate the color by 10%, you get **23.2357, 19.6581, 36.2883**, and if you desaturate by 10%, it is **29.6275, 29.1348, 37.7806**.

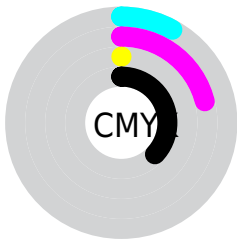
Distribution



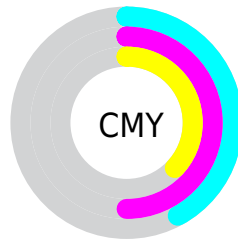
- Red (58%)
- Green (50%)
- Blue (63%)



- Red (58%)
- Yellow (50%)
- Blue (63%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (42%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2351, 24.0479, 36.9772 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 26.2351, 24.0479, 36.9772 by changing the saturation by 10% instead.

■ 26.2351, 24.0479,
36.9772

■ 26.2351, 24.0479,
36.9772

276.1698,
273.0626, 348.3775

■ 17.1332, 15.3692,
24.8942

■ 53.0826, 50.1084,
71.7237

■ 10.4254, 9.0789,
15.7799

■ 71.5589, 68.2589,
95.2242

■ 5.7463, 4.7927,
9.2159

■ 93.8907, 90.3354,
123.3676

■ 2.7306, 2.1261,
4.7835

120.4434,
116.7224, 156.5725

■ 1.0130, 0.6793,
2.0643

151.5823,
147.8042, 195.2574

■ 0.0000, 0.0000,
0.5944

187.6727,

■ 0.0000, 0.0000,

183.9652, 239.8409

0.0000

229.0801,
225.5899, 290.7414

■ 26.2351, 24.0479,
36.9772

■ 26.2351, 24.0479,
36.9772

■ 23.2357, 19.6581,
36.2883

■ 29.6275, 29.1348,
37.7806

■ 20.6104, 15.9305,
35.7072

■ 33.4263, 34.9457,
38.7020

■ 18.3420, 12.8314,
35.2286

■ 37.6469, 41.5095,
39.7465

■ 16.4109, 10.3232,
34.8462

■ 42.3032, 48.8530,
40.9186

■ 14.7954, 8.3639,
34.5532

■ 47.4085, 57.0014,
42.2223

■ 13.4710, 6.9059,
34.3416

■ 52.9755, 65.9788,
43.6617

■ 12.4089, 5.8931,
34.2021

■ 59.0162, 75.8082,
45.2406

■ 11.6265, 5.2505,
34.1193

■ 65.2852, 85.9976,
46.8769

■ 66.9332, 86.8472,
46.9540

Harmonies

Analogous

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



23.9954, 24.0479, 41.3344



26.2351, 24.0479, 36.9772



27.6183, 24.0479, 30.0365

Triad

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



26.2351, 24.0479, 36.9772



24.1651, 24.0479, 15.3664



18.6383, 24.0479, 29.5250

Complementary

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



26.2351, 24.0479, 36.9772



27.3919, 32.5982, 24.9283

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.



18.6767, 24.0479, 22.6760



26.2351, 24.0479, 36.9772



21.7548, 24.0479, 15.2784

Square

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



26.2351, 24.0479, 36.9772



26.3669, 24.0479, 17.9929



19.7817, 24.0479, 17.7266



19.6730, 24.0479, 36.5463

Rectangle

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



26.2351, 24.0479, 36.9772



27.8115, 24.0479, 25.2775



19.7817, 24.0479, 17.7266



18.5285, 24.0479, 27.1121

Sweetspot

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



26.2358, 24.0489, 36.9777



56.3710, 57.2188, 68.4598



24.5694, 25.8522, 37.4136



12.2742, 12.4132, 14.9927



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.2358, 24.0489, 36.9777



44.5622, 39.4962, 65.6614



28.3767, 25.1924, 35.2807



7.1007, 7.0663, 8.8928



9.3320, 4.2173, 27.2520



0.2463, 0.1145, 0.5750

Inverse Universe

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



27.0219, 24.6504, 28.1462



46.2675, 40.7916, 46.9329



25.5927, 31.6402, 26.2204



7.1806, 7.1287, 7.9376



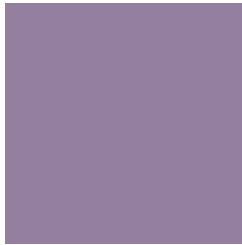
12.4424, 6.3330, 4.2543



0.2841, 0.1421, 0.2085

Previews

White Background



This preview shows how the XYZ color 26.2351, 24.0479, 36.9772 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 26.2351, 24.0479, 36.9772 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 26.2351, 24.0479, 36.9772

Background



This preview shows how black text looks on a background with the XYZ color 26.2351, 24.0479, 36.9772.



This preview shows how white text looks on a background with the XYZ color 26.2351, 24.0479,

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

26.2351, 24.0479, 36.9772

Protanopia

23.9315, 24.0037, 38.9692

Deuteranopia

24.5881, 24.1915, 36.6312



Tritanopia

24.6011, 24.1754, 28.5690

Trichromacy



Original Color

26.2351, 24.0479, 36.9772

Protanomaly

24.8088, 24.0638, 38.4592

Deuteranomaly

25.1430, 24.0788, 36.5802

Tritanomaly

25.1820, 24.2144, 31.3636

Monochromacy



Original Color

26.2351, 24.0479, 36.9772

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5603, 24.5131, 30.6312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2351, 24.0479, 36.9772 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(148, 127, 161)` looks like.

```
.text, #text, p{  
    color:rgb(148, 127, 161)  
}
```

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(148, 127, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 127, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.2351, 24.0479, 36.9772 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(148, 127, 161) }
```


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

```
.border{ border-color:rgb(148, 127, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 127, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 127, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 127, 161);  
box-shadow:4px 4px 4px 4px rgb(148, 127,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2351, 24.0479, 36.9772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 127, 161) }
```

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

```
.background{ background-color: rgb(148,  
127, 161) }
```

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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