

Converting Colors

XYZ(24.5493, 21.1362, 32.9456)

Have a look what the booklet for
XYZ(24.5493, 21.1362, 32.9456)
contains.

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Color

**XYZ(24.4582, 21.0454,
32.9101)**

Conversions

Conversions Part 1

Format	Color
Hex	967399
RGB	150, 115, 153
RGB Percent	59%, 45%, 60%
CMY	0.4118, 0.5490, 0.4000
CMYK	0.02, 0.25, 0.00, 0.40
HSL	295°, 16%, 53%
HSV	295°, 25%, 60%
XYZ	24.4582, 21.0454, 32.9101
YIQ	129.7970, 8.6620, 19.2380

Conversions

Conversions Part 2

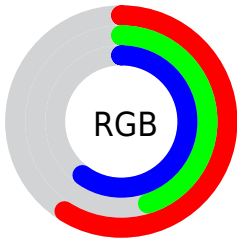
Format	Color
R_{YB}	150, 115, 153
Decimal	9859993
CIE _{Lab}	53.00, 20.62, -15.26
CIE _{LCh}	53, 25.649, 323.499
Y _{xy}	21.0454, 0.3119, 0.2684
Android (android.graphics.Color)	4288050073 (0xFF967399)
YUV	129.7970, 11.4391, 17.7180
Hunter-Lab	45.8753, 14.8848, -10.4209

Details

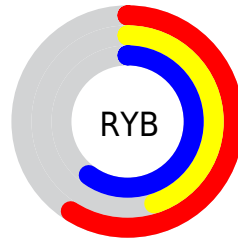
The XYZ color **24.4582, 21.0454, 32.9101** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.9577, 27.8724, 20.4433**, and the grayscale version is **21.1057, 22.2048, 24.1811**.

A 20% lighter version of the original color is **50.2580, 45.1216, 65.0919**, and **9.4921, 7.5084, 13.5193** is the 20% darker color. If you saturate the color by 10%, you get **22.6354, 17.7276, 32.3661**, and if you desaturate by 10%, it is **26.5742, 24.9454, 33.5517**.

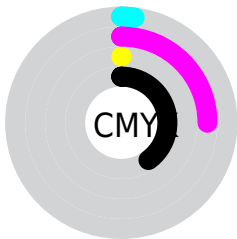
Distribution



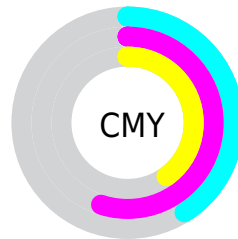
- Red (59%)
- Green (45%)
- Blue (60%)



- Red (59%)
- Yellow (45%)
- Blue (60%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (40%)



- Cyan (41%)
- Magenta (55%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4582, 21.0454, 32.9101 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 24.4582, 21.0454, 32.9101 by changing the saturation by 10% instead.

■ 24.4582, 21.0454,
32.9101

■ 24.4582, 21.0454,
32.9101

267.5266,
257.5197, 329.8640

■ 15.8004, 13.1572,
21.7870

■ 50.2261, 45.1631,
65.3495

■ 9.4730, 7.5369,
13.5037

■ 68.0670, 62.1613,
87.5030

■ 5.1105, 3.8001,
7.6415

■ 89.6997, 82.9651,
114.1703

■ 2.3477, 1.5624,
3.7820

■ 115.4894,
107.9587, 145.7701

■ 0.8189, 0.3320,
1.5065

145.8016,
137.5265, 182.7208

■ 0.0000, 0.0000,
0.2228

181.0016,

■ 0.0000, 0.0000,

172.0531, 225.4410

0.0000

221.4548,
211.9226, 274.3492

■ 24.4582, 21.0454,
32.9101

■ 24.4582, 21.0454,
32.9101

■ 22.6354, 17.7276,
32.3661

■ 26.5742, 24.9454,
33.5517

■ 21.0895, 14.9607,
31.9135

■ 28.9948, 29.4514,
34.2938

■ 19.8056, 12.7146,
31.5476

■ 31.7329, 34.5892,
35.1412

■ 18.7669, 10.9552,
31.2628

■ 34.8006, 40.3825,
36.0978

■ 17.9541, 9.6444,
31.0526

■ 38.2088, 46.8536,
37.1672

■ 17.3455, 8.7386,
30.9098

■ 41.9682, 54.0237,
38.3530

■ 16.9133, 8.1822,
30.8252

■ 46.0891, 61.9131,
39.6586

■ 16.7212, 7.9559,
30.7917

■ 50.5812, 70.5415,
41.0873

■ 55.4538, 79.9275,
42.6422

Harmonies

Analogous

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



22.1384, 21.0454, 39.3717



24.4582, 21.0454, 32.9101



25.5982, 21.0454, 24.6341

Triad

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



24.4582, 21.0454, 32.9101



20.5947, 21.0454, 11.1180



15.6225, 21.0454, 29.3474

Complementary

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



24.4582, 21.0454, 32.9101



21.9577, 27.8724, 20.4433

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.



15.2891, 21.0454, 21.2775



24.4582, 21.0454, 32.9101



18.0096, 21.0454, 11.8330

Square

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



24.4582, 21.0454, 32.9101



23.2420, 21.0454, 12.9462



16.1246, 21.0454, 15.1809



17.0799, 21.0454, 37.0133

Rectangle

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



24.4582, 21.0454, 32.9101



25.4691, 21.0454, 19.6262



16.1246, 21.0454, 15.1809



15.3810, 21.0454, 26.5518

Sweetspot

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



24.4589, 21.0463, 32.9106



50.8776, 50.7859, 61.0931



19.3190, 18.9419, 32.7753



11.1833, 11.1190, 13.4743



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.



24.4589, 21.0463, 32.9106



41.8600, 34.1452, 58.3564



23.7956, 20.8456, 26.4998



6.4131, 6.2988, 7.8068



13.8325, 6.5820, 25.4491



0.2191, 0.1047, 0.3810

Inverse Universe

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



22.5383, 20.3427, 19.8791



37.8221, 32.6722, 30.6746



22.5476, 28.0620, 25.6425



6.2276, 6.2302, 6.5787



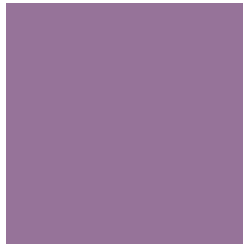
10.9182, 5.6215, 0.8284



0.1678, 0.0859, 0.0366

Previews

White Background



This preview shows how the XYZ color 24.4582, 21.0454, 32.9101 looks on a white background.

Color Contrast Check

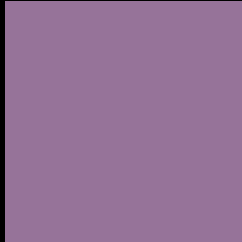
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4582, 21.0454, 32.9101 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 24.4582, 21.0454, 32.9101

Background



This preview shows how black text looks on a background with the XYZ color 24.4582, 21.0454, 32.9101.



This preview shows how white text looks on a background with the XYZ color 24.4582, 21.0454,

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

24.4582, 21.0454, 32.9101

Protanopia

21.1500, 21.0568, 36.2074

Deuteranopia

21.5460, 21.1617, 32.2272



Tritanopia

22.5919, 20.9817, 23.6280

Trichromacy



Original Color

24.4582, 21.0454, 32.9101

Protanomaly

22.1291, 20.8549, 34.7574

Deuteranomaly

22.4965, 21.0926, 32.5914

Tritanomaly

23.2786, 21.0877, 26.8882

Monochromacy



Original Color

24.4582, 21.0454, 32.9101

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.2376, 21.8206, 27.0845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4582, 21.0454, 32.9101 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(150, 115, 153)` looks like.

```
.text, #text, p{  
    color:rgb(150, 115, 153)  
}
```

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(150, 115, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 115, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.4582, 21.0454, 32.9101 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(150, 115, 153) }
```


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

```
.border{ border-color:rgb(150, 115, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 115, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 115, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 115, 153);  
box-shadow:4px 4px 4px 4px rgb(150, 115,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4582, 21.0454, 32.9101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 115, 153) }
```

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

```
.background{ background-color: rgb(150,  
115, 153) }
```

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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