

Converting Colors

XYZ(26.6536, 24.5459, 37.3026)

Have a look what the booklet for
XYZ(26.6536, 24.5459, 37.3026)
contains.

XYZ(26.6352, 24.4365, 37.4953)	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(26.6352, 24.4365,
37.4953)**

Conversions

Conversions Part 1

Format	Color
Hex	9580A2
RGB	149, 128, 162
RGB Percent	58%, 50%, 64%
CMY	0.4157, 0.4980, 0.3647
CMYK	0.08, 0.21, 0.00, 0.36
HSL	277°, 15%, 57%
HSV	277°, 21%, 64%
XYZ	26.6352, 24.4365, 37.4953
YIQ	138.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

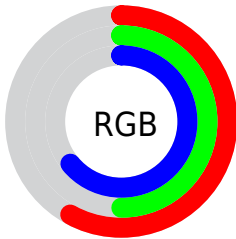
Format	Color
R_{YB}	149, 128, 162
Decimal	9797794
CIE _{Lab}	56.52, 14.60, -15.15
CIE _{LCh}	57, 21.039, 313.949
Yxy	24.4365, 0.3007, 0.2759
Android (android.graphics.Color)	4287987874 (0xFF9580A2)
YUV	138.1550, 11.7556, 9.5111
Hunter-Lab	49.4333, 9.6695, -10.3683

Details

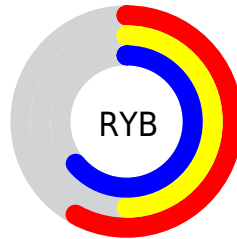
The XYZ color **26.6352, 24.4365, 37.4953** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **27.8019, 33.0625, 25.3395**, and the grayscale version is **24.1733, 25.4322, 27.6957**.

A 20% lighter version of the original color is **53.6769, 50.7540, 72.6131**, and **10.6475, 9.3144, 15.9885** is the 20% darker color. If you saturate the color by 10%, you get **23.5885, 19.9761, 36.7953**, and if you desaturate by 10%, it is **30.0809, 29.6048, 38.3116**.

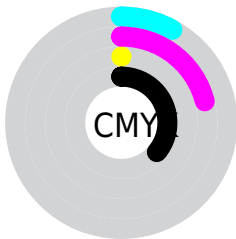
Distribution



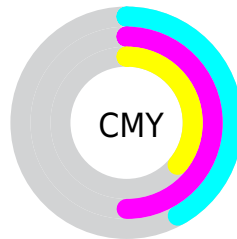
- Red (58%)
- Green (50%)
- Blue (64%)



- Red (58%)
- Yellow (50%)
- Blue (64%)



- Cyan (8%)
- Magenta (21%)
- Yellow (0%)
- Black (36%)



- Cyan (42%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6352, 24.4365, 37.4953 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 26.6352, 24.4365, 37.4953 by changing the saturation by 10% instead.

■ 26.6352, 24.4365,
37.4953

■ 26.6352, 24.4365,
37.4953

278.0863,
275.0199, 350.6830

■ 17.4346, 15.6577,
25.2924

■ 53.7220, 50.7416,
72.5287

■ 10.6421, 9.2823,
16.0741

■ 72.3388, 69.0367,
96.1963

■ 5.8922, 4.9258,
9.4216

■ 94.8252, 91.2727,
124.5226

■ 2.8197, 2.2038,
4.9167

121.5463,
117.8339, 157.9261

■ 1.0591, 0.7220,
2.1406

152.8677,
149.1049, 196.8254

■ 0.0000, 0.0000,
0.6398

189.1545,

■ 0.0000, 0.0000,

185.4700, 241.6389

0.0000

230.7723,
227.3135, 292.7853

■ 26.6352, 24.4365,
37.4953

■ 26.6352, 24.4365,
37.4953

■ 23.5885, 19.9761,
36.7953

■ 30.0809, 29.6048,
38.3116

■ 20.9216, 16.1879,
36.2047

■ 33.9392, 35.5080,
39.2477

■ 18.6171, 13.0380,
35.7181

■ 38.2256, 42.1757,
40.3088

■ 16.6551, 10.4880,
35.3294

■ 42.9544, 49.6350,
41.4994

■ 15.0137, 8.4956,
35.0313

■ 48.1390, 57.9113,
42.8236

■ 13.6678, 7.0124,
34.8159

■ 53.7922, 67.0293,
44.2856

■ 12.5883, 5.9815,
34.6738

■ 59.9263, 77.0122,
45.8892

■ 11.7837, 5.3213,
34.5888

■ 65.7170, 86.2100,
47.3593

■ 67.3894, 87.0722,
47.4376

Harmonies

Analogous

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



24.3751, 24.4365, 41.8861



26.6352, 24.4365, 37.4953



28.0307, 24.4365, 30.4961

Triad

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



26.6352, 24.4365, 37.4953



24.5471, 24.4365, 15.6747



18.9657, 24.4365, 29.9778

Complementary

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



26.6352, 24.4365, 37.4953



27.8019, 33.0625, 25.3395

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.



19.0046, 24.4365, 23.0638



26.6352, 24.4365, 37.4953



22.1139, 24.4365, 15.5853

Square

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



26.6352, 24.4365, 37.4953



26.7687, 24.4365, 18.3322



20.1212, 24.4365, 18.0618



20.0108, 24.4365, 37.0591

Rectangle

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



26.6352, 24.4365, 37.4953



28.2258, 24.4365, 25.6929



20.1212, 24.4365, 18.0618



18.8548, 24.4365, 27.5429

Sweetspot

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



26.6360, 24.4375, 37.4958



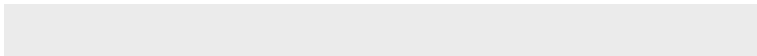
57.9264, 58.7959, 70.3518



24.9543, 26.2583, 37.9359



12.9144, 13.0591, 15.7775



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.6360, 24.4375, 37.4958



45.7839, 40.5726, 67.4743



28.7946, 25.5904, 35.7851



7.1007, 7.0663, 8.8928



9.3324, 4.2175, 27.2520



0.2463, 0.1145, 0.5750

Inverse Universe

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



27.4279, 25.0438, 28.5885



47.5372, 41.9046, 48.2142



25.9858, 32.0955, 26.6443



7.1806, 7.1287, 7.9375



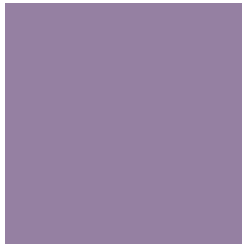
12.4423, 6.3330, 4.2538



0.2841, 0.1421, 0.2084

Previews

White Background



This preview shows how the XYZ color 26.6352, 24.4365, 37.4953 looks on a white background.

Color Contrast Check

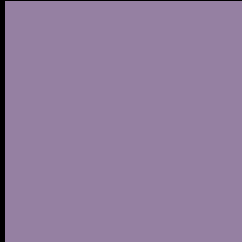
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6352, 24.4365, 37.4953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

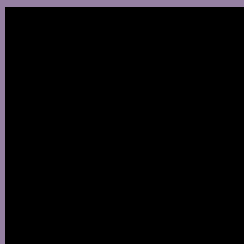
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.6352, 24.4365, 37.4953

Background



This preview shows how black text looks on a background with the XYZ color 26.6352, 24.4365, 37.4953.



This preview shows how white text looks on a background with the XYZ color 26.6352, 24.4365,

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

26.6352, 24.4365, 37.4953

Protanopia

24.3101, 24.3926, 39.5033

Deuteranopia

24.9739, 24.5825, 37.1468



Tritanopia

24.9878, 24.5665, 29.0160

Trichromacy



Original Color

26.6352, 24.4365, 37.4953

Protanomaly

25.1961, 24.4534, 38.9893

Deuteranomaly

25.5338, 24.4685, 37.0953

Tritanomaly

25.5737, 24.6056, 31.8352

Monochromacy



Original Color

26.6352, 24.4365, 37.4953

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9469, 24.9076, 31.0966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6352, 24.4365, 37.4953 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, 128, 162)` looks like.

```
.text, #text, p{  
    color:rgb(149, 128, 162)  
}
```

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, 128, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 128, 162) }
```

Border

The CSS property to change the border of an element to XYZ 26.6352, 24.4365, 37.4953 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, 128, 162) }
```


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

```
.border{ border-color:rgb(149, 128, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 128, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 128, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 128, 162);  
box-shadow:4px 4px 4px 4px rgb(149, 128,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6352, 24.4365, 37.4953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 128, 162) }
```

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

```
.background{ background-color: rgb(149,  
128, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor