

Converting Colors

XYZ(24.1860, 26.4402, 35.9517)

Have a look what the booklet for
XYZ(24.1860, 26.4402, 35.9517)
contains.

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Color

**XYZ(24.1624, 26.3245,
36.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	7B8F9E
RGB	123, 143, 158
RGB Percent	48%, 56%, 62%
CMY	0.5176, 0.4392, 0.3804
CMYK	0.22, 0.09, 0.00, 0.38
HSL	206°, 15%, 55%
HSV	206°, 22%, 62%
XYZ	24.1624, 26.3245, 36.1554
YIQ	138.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

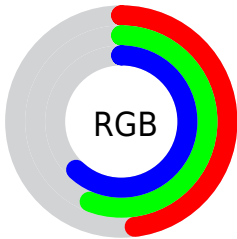
Format	Color
R_{YB}	123, 136, 158
Decimal	8097694
CIE Lab	58.34, -3.71, -10.32
CIE LCh	58, 10.962, 250.236
Yxy	26.3245, 0.2789, 0.3038
Android (android.graphics.Color)	4286287774 (0xFF7B8F9E)
YUV	138.7300, 9.5001, -13.7952
Hunter-Lab	51.3074, -5.7263, -5.8654

Details

The XYZ color **24.1624, 26.3245, 36.1554** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.7645, 26.8762, 22.5165**, and the grayscale version is **24.4067, 25.6778, 27.9631**.

A 20% lighter version of the original color is **49.8810, 53.9667, 70.7384**, and **9.3158, 10.3067, 15.4083** is the 20% darker color. If you saturate the color by 10%, you get **21.0962, 23.2808, 35.7299**, and if you desaturate by 10%, it is **27.6563, 29.6811, 36.6196**.

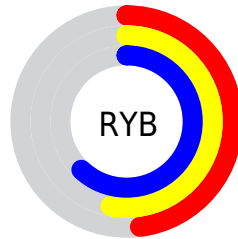
Distribution



Red (48%)

Green (56%)

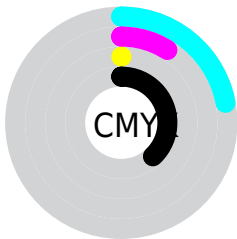
Blue (62%)



Red (48%)

Yellow (53%)

Blue (62%)

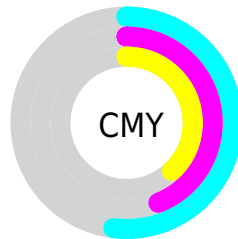


Cyan (22%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (52%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1624, 26.3245, 36.1554 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 24.1624, 26.3245, 36.1554 by changing the saturation by 10% instead.

■ 24.1624, 26.3245,
36.1554

■ 24.1624, 26.3245,
36.1554

266.0658,
284.3714, 344.6972

■ 15.5795, 17.0666,
24.2636

■ 49.7478, 53.7980,
70.4436

■ 9.3161, 10.2820,
15.3153

■ 67.4811, 72.7823,
93.6771

■ 5.0067, 5.5863,
8.8919

■ 88.9952, 95.7776,
121.5282

■ 2.2860, 2.5952,
4.5749

114.6555,
123.1681, 154.4155

■ 0.7875, 0.9243,
1.9457

144.8273,
155.3384, 192.7575

■ 0.0000, 0.0000,
0.5216

179.8761,

■ 0.0000, 0.0000,

192.6728, 236.9727

0.0000

220.1671,
235.5556, 287.4798

■ 24.1624, 26.3245,
36.1554

■ 24.1624, 26.3245,
36.1554

■ 21.0962, 23.2808,
35.7299

■ 27.6563, 29.6811,
36.6196

■ 18.4369, 20.5357,
35.3402

■ 31.5930, 33.3580,
37.1218

■ 16.1652, 18.0782,
34.9856

■ 35.9895, 37.3660,
37.6637

■ 14.2593, 15.8955,
34.6648

■ 40.8613, 41.7148,
38.2463

■ 12.6950, 13.9733,
34.3762

■ 46.2232, 46.4132,
38.8706

■ 11.4447, 12.2957,
34.1183

■ 52.0892, 51.4700,
39.5375

■ 10.4761, 10.8441,
33.8892

■ 58.4727, 56.8934,
40.2479

■ 9.8526, 9.8307,
33.7264

■ 65.3868, 62.6916,
41.0026

■ 68.9901, 66.8856,
41.6222

Harmonies

Analogous

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



23.1112, 26.3245, 33.6802



24.1624, 26.3245, 36.1554



25.4797, 26.3245, 36.5257

Triad

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



24.1624, 26.3245, 36.1554



27.6335, 26.3245, 27.3758



23.3984, 26.3245, 23.4077

Complementary

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



24.1624, 26.3245, 36.1554



26.7645, 26.8762, 22.5165

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.



24.5671, 26.3245, 22.0182



24.1624, 26.3245, 36.1554



27.0324, 26.3245, 24.1704

Square

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



24.1624, 26.3245, 36.1554



27.5157, 26.3245, 31.2221



25.8990, 26.3245, 22.2844



22.6811, 26.3245, 26.2475

Rectangle

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



24.1624, 26.3245, 36.1554



26.3361, 26.3245, 35.4972



25.8990, 26.3245, 22.2844



23.7498, 26.3245, 22.7675

Sweetspot

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



24.1632, 26.3256, 36.1560



53.7053, 57.1742, 66.9486



24.9531, 30.4881, 28.4571



12.0206, 12.8083, 15.0824



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.



24.1632, 26.3256, 36.1560



40.7913, 44.7650, 65.2340



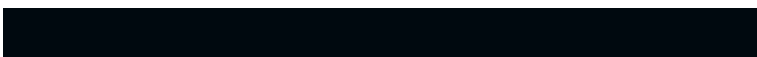
21.7907, 21.5806, 35.3652



6.5835, 7.0328, 8.4172



7.9305, 7.9526, 27.0243



0.1833, 0.2252, 0.4970

Inverse Universe

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



26.1421, 23.4188, 29.1302



45.1491, 38.6680, 49.6941



29.4114, 32.1701, 23.3988



6.7839, 6.7065, 7.7131



12.8012, 6.4250, 8.4699



0.2498, 0.1233, 0.2617

Previews

White Background



This preview shows how the XYZ color 24.1624, 26.3245, 36.1554 looks on a white background.

Color Contrast Check

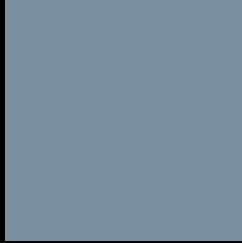
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1624, 26.3245, 36.1554 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

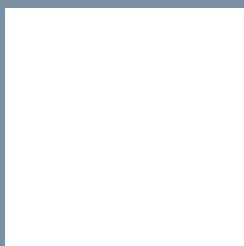
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1624, 26.3245, 36.1554

Background



This preview shows how black text looks on a background with the XYZ color 24.1624, 26.3245, 36.1554.



This preview shows how white text looks on a background with the XYZ color 24.1624, 26.3245,

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

24.1624, 26.3245, 36.1554

Protanopia

25.6302, 26.2351, 34.7234

Deuteranopia

26.5638, 26.0408, 36.4272



Tritanopia

23.9157, 26.4507, 34.8553

Trichromacy



Original Color

24.1624, 26.3245, 36.1554

Protanomaly

25.0517, 26.1430, 35.1782

Deuteranomaly

25.6440, 26.2027, 36.5069

Tritanomaly

24.0000, 26.4844, 35.2996

Monochromacy



Original Color

24.1624, 26.3245, 36.1554

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.2393, 25.8180, 30.9000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1624, 26.3245, 36.1554 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(123, 143, 158)` looks like.

```
.text, #text, p{  
    color:rgb(123, 143, 158)  
}
```

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(123, 143, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 143, 158) }
```

Border

The CSS property to change the border of an element to XYZ 24.1624, 26.3245, 36.1554 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(123, 143, 158) }
```


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

```
.border{ border-color:rgb(123, 143, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 143, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 143, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 143, 158);  
box-shadow:4px 4px 4px 4px rgb(123, 143,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1624, 26.3245, 36.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 143, 158) }
```

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

```
.background{ background-color: rgb(123,  
143, 158) }
```

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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