

Converting Colors

XYZ(24.9557, 26.1414, 33.0087)

Have a look what the booklet for
XYZ(24.9557, 26.1414, 33.0087)
contains.

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Color

**XYZ(24.9557, 26.1414,
33.0087)**

Conversions

Conversions Part 1

Format	Color
Hex	878C97
RGB	135, 140, 151
RGB Percent	53%, 55%, 59%
CMY	0.4706, 0.4510, 0.4078
CMYK	0.11, 0.07, 0.00, 0.41
HSL	221°, 7%, 56%
HSV	221°, 11%, 59%
XYZ	24.9557, 26.1414, 33.0087
YIQ	139.7590, -6.5110, 2.3610

Conversions

Conversions Part 2

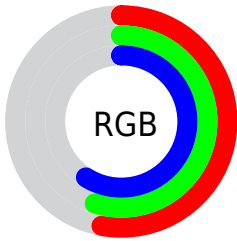
Format	Color
R_{YB}	135, 139, 151
Decimal	8883351
CIE Lab	58.17, 0.47, -6.47
CIE LCh	58, 6.490, 274.128
Yxy	26.1414, 0.2967, 0.3108
Android (android.graphics.Color)	4287073431 (0xFF878C97)
YUV	139.7590, 5.5418, -4.1736
Hunter-Lab	51.1287, -2.3500, -2.4876

Details

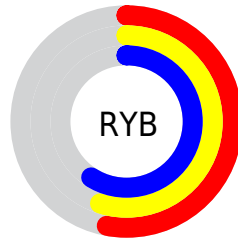
The XYZ color **24.9557, 26.1414, 33.0087** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.4148, 28.8864, 27.0530**, and the grayscale version is **24.8154, 26.1077, 28.4313**.

A 20% lighter version of the original color is **51.0503, 53.6827, 65.4288**, and **9.7027, 10.1637, 13.5070** is the 20% darker color. If you saturate the color by 10%, you get **21.2507, 22.0857, 32.4215**, and if you desaturate by 10%, it is **29.1500, 30.6632, 33.6608**.

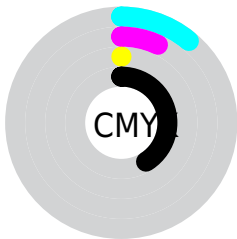
Distribution



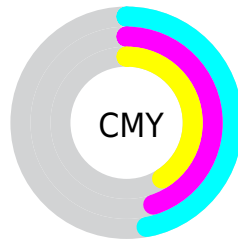
- Red (53%)
- Green (55%)
- Blue (59%)



- Red (53%)
- Yellow (55%)
- Blue (59%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (47%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9557, 26.1414, 33.0087 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 24.9557, 26.1414, 33.0087 by changing the saturation by 10% instead.

■ 24.9557, 26.1414,
33.0087

■ 24.9557, 26.1414,
33.0087

269.9690,
283.4755, 330.3221

■ 16.1726, 16.9295,
21.8619

■ 51.0288, 53.5030,
65.5053

■ 9.7380, 10.1842,
13.5581

■ 69.0494, 72.4214,
87.6922

■ 5.2865, 5.5213,
7.6788

■ 90.8800, 95.3441,
114.3962

■ 2.4528, 2.5562,
3.8053

116.8859,
122.6554, 146.0359

■ 0.8715, 0.9047,
1.5191

147.4323,
154.7399, 183.0298

■ 0.0000, 0.0000,
0.2321

182.8848,

■ 0.0000, 0.0000,

191.9818, 225.7964

0.0000

223.6085,
234.7655, 274.7544

■ 24.9557, 26.1414,
33.0087

■ 24.9557, 26.1414,
33.0087

■ 21.2507, 22.0857,
32.4215

■ 29.1500, 30.6632,
33.6608

■ 18.0142, 18.4773,
31.8956

■ 33.8485, 35.6623,
34.3781

■ 15.2276, 15.3013,
31.4295

■ 39.0686, 41.1537,
35.1629

■ 12.8697, 12.5404,
31.0209

■ 44.8260, 47.1507,
36.0170

■ 10.9178, 10.1761,
30.6674

■ 51.1357, 53.6661,
36.9421

■ 9.3469, 8.1885,
30.3665

■ 58.0122, 60.7124,
37.9397

■ 8.1289, 6.5554,
30.1155

■ 65.4693, 68.3013,
39.0115

■ 7.2316, 5.2521,
29.9112

■ 73.2248, 76.2919,
40.1451

■ 6.6107, 4.2837,
29.7570

■ 76.0843, 82.0110,
41.0983

Harmonies

Analogous

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



24.1921, 26.1414, 32.5438



24.9557, 26.1414, 33.0087



25.7053, 26.1414, 32.2039

Triad

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



24.9557, 26.1414, 33.0087



26.1205, 26.1414, 26.1006



23.5097, 26.1414, 26.6139

Complementary

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



24.9557, 26.1414, 33.0087



27.4148, 28.8864, 27.0530

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.



24.0072, 26.1414, 25.0246



24.9557, 26.1414, 33.0087



25.5128, 26.1414, 24.7394

Square

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



24.9557, 26.1414, 33.0087



26.3867, 26.1414, 28.1527



24.7379, 26.1414, 24.3560



23.3676, 26.1414, 28.7766

Rectangle

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



24.9557, 26.1414, 33.0087



26.0931, 26.1414, 31.0794



24.7379, 26.1414, 24.3560



23.6404, 26.1414, 25.9987

Sweetspot

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



24.9565, 26.1425, 33.0093



50.2696, 52.8394, 59.9832



26.2419, 29.3579, 31.4510



11.2907, 11.8646, 13.6125



72.9764, 76.7769, 83.6100



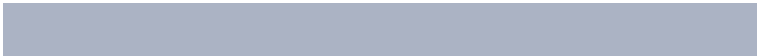
11.9732, 12.5967, 13.7178

Same Dimension

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



24.9565, 26.1425, 33.0093



42.8409, 44.8013, 58.8232



24.7207, 24.9605, 32.7936



6.0342, 6.3258, 7.8319



5.6469, 3.6905, 25.3224



0.1143, 0.1149, 0.3885

Inverse Universe

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



26.1608, 25.8014, 28.4135



45.5027, 44.0891, 48.6556



27.6651, 30.1851, 27.2905



6.2844, 6.2529, 6.8776



11.3091, 5.7779, 2.8865



0.1842, 0.0924, 0.1226

Previews

White Background



This preview shows how the XYZ color 24.9557, 26.1414, 33.0087 looks on a white background.

Color Contrast Check

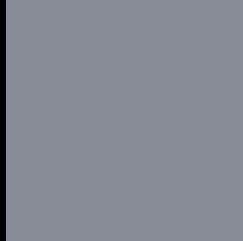
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9557, 26.1414, 33.0087 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

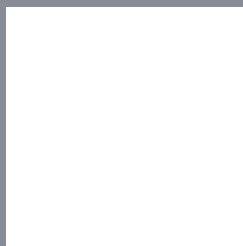
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9557, 26.1414, 33.0087

Background



This preview shows how black text looks on a background with the XYZ color 24.9557, 26.1414, 33.0087.



This preview shows how white text looks on a background with the XYZ color 24.9557, 26.1414,

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

24.9557, 26.1414, 33.0087

Protanopia

25.3851, 26.1562, 32.5649

Deuteranopia

26.6844, 26.1712, 33.3509



Tritanopia

24.9557, 26.1414, 33.0087

Trichromacy



Original Color

24.9557, 26.1414, 33.0087

Protanomaly

25.2189, 26.0705, 32.5571

Deuteranomaly

25.9408, 25.9980, 33.3566

Tritanomaly

24.9557, 26.1414, 33.0087

Monochromacy



Original Color

24.9557, 26.1414, 33.0087

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.8934, 26.1731, 30.1254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9557, 26.1414, 33.0087 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(135, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(135, 140, 151)  
}
```

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(135, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 24.9557, 26.1414, 33.0087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

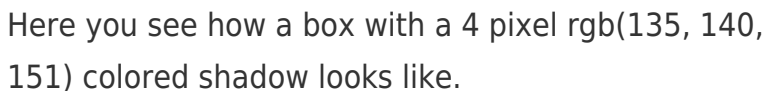
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 140, 151) }
```


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

```
.border{ border-color:rgb(135, 140, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 140, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 140, 151); box-shadow:4px 4px 4px 4px rgb(135, 140, 151) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9557, 26.1414, 33.0087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 140, 151) }
```

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

```
.background{ background-color: rgb(135,  
140, 151) }
```

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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