

Converting Colors

XYZ(23.0728, 25.4862, 32.7222)

Have a look what the booklet for
XYZ(23.0728, 25.4862, 32.7222)
contains.

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Color

**XYZ(22.9151, 25.3167,
32.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	798D96
RGB	121, 141, 150
RGB Percent	47%, 55%, 59%
CMY	0.5255, 0.4470, 0.4118
CMYK	0.19, 0.06, 0.00, 0.41
HSL	199°, 12%, 53%
HSV	199°, 19%, 59%
XYZ	22.9151, 25.3167, 32.5330
YIQ	136.0460, -14.8090, -1.4410

Conversions

Conversions Part 2

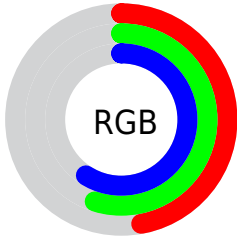
Format	Color
R_{YB}	121, 133, 150
Decimal	7966102
CIE _{Lab}	57.38, -5.11, -7.18
CIE _{LCh}	57, 8.817, 234.572
Yxy	25.3167, 0.2837, 0.3135
Android (android.graphics.Color)	4286156182 (0xFF798D96)
YUV	136.0460, 6.8793, -13.1953
Hunter-Lab	50.3157, -6.7589, -3.1146

Details

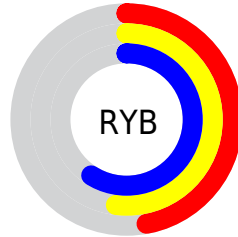
The XYZ color **22.9151, 25.3167, 32.5330** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0118, 23.8300, 21.4239**, and the grayscale version is **23.3986, 24.6172, 26.8081**.

A 20% lighter version of the original color is **47.8697, 52.3885, 64.7157**, and **8.6657, 9.7607, 13.2317** is the 20% darker color. If you saturate the color by 10%, you get **20.3025, 22.9730, 32.2187**, and if you desaturate by 10%, it is **25.8849, 27.8887, 32.8733**.

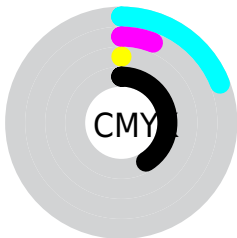
Distribution



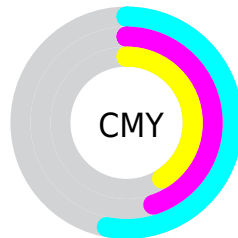
- Red (47%)
- Green (55%)
- Blue (59%)



- Red (47%)
- Yellow (52%)
- Blue (59%)



- Cyan (19%)
- Magenta (6%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9151, 25.3167, 32.5330 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 22.9151, 25.3167, 32.5330 by changing the saturation by 10% instead.

■ 22.9151, 25.3167,
32.5330

■ 22.9151, 25.3167,
32.5330

259.8321,
279.4115, 328.1074

■ 14.6512, 16.3132,
21.5008

■ 47.7216, 52.1705,
64.7533

■ 8.6597, 9.7460,
13.2957

■ 64.9948, 70.7896,
86.7785

■ 4.5752, 5.2309,
7.4994

■ 86.0019, 93.3827,
113.3050

■ 2.0324, 2.3834,
3.6932

111.1082,
120.3341, 144.7515

■ 0.6521, 0.8173,
1.4586

140.6790,
152.0283, 181.5364

■ 0.0000, 0.0000,
0.1868

175.0797,

■ 0.0000, 0.0000,

188.8497, 224.0783

0.0000

214.6756,
231.1826, 272.7958

■ 22.9151, 25.3167,
32.5330

■ 22.9151, 25.3167,
32.5330

■ 20.3025, 22.9730,
32.2187

■ 25.8849, 27.8887,
32.8733

■ 18.0295, 20.8460,
31.9280

■ 29.2242, 30.6939,
33.2388

■ 16.0802, 18.9276,
31.6604

■ 32.9472, 33.7407,
33.6307

■ 14.4366, 17.2081,
31.4152

■ 37.0668, 37.0363,
34.0496

■ 13.0787, 15.6765,
31.1911

■ 41.5954, 40.5875,
34.4964

■ 11.9839, 14.3207,
30.9871

■ 46.5446, 44.4009,
34.9716

■ 11.1260, 13.1266,
30.8018

■ 51.9257, 48.4827,
35.4759

■ 10.4446, 12.0624,
30.6323

■ 57.7495, 52.8389,
36.0097

■ 10.4009, 11.9937,
30.6214

■ 63.6564, 57.2846,
36.5565

Harmonies

Analogous

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



22.2788, 25.3167, 30.0321



22.9151, 25.3167, 32.5330



23.8729, 25.3167, 33.7096

Triad

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



22.9151, 25.3167, 32.5330



26.1220, 25.3167, 28.1143



23.2357, 25.3167, 22.6499

Complementary

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



22.9151, 25.3167, 32.5330



24.0118, 23.8300, 21.4239

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.



24.2536, 25.3167, 22.2175



22.9151, 25.3167, 32.5330



25.9395, 25.3167, 25.2380

Square

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



22.9151, 25.3167, 32.5330



25.7399, 25.3167, 31.0428



25.2481, 25.3167, 23.1314



22.4601, 25.3167, 24.3582

Rectangle

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



22.9151, 25.3167, 32.5330



24.5726, 25.3167, 33.5275



25.2481, 25.3167, 23.1314



23.5600, 25.3167, 22.3559

Sweetspot

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



22.9158, 25.3177, 32.5336



47.5023, 50.7622, 58.2157



22.8012, 27.4818, 25.1171



10.4546, 11.1883, 12.8934



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.9158, 25.3177, 32.5336



38.4659, 42.9269, 57.1796



20.9544, 21.3948, 31.8797



5.8138, 6.2617, 7.3719



8.6555, 10.0059, 25.4062



0.1322, 0.1751, 0.3197

Inverse Universe

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



24.2234, 22.0826, 28.1861



41.2151, 36.3034, 47.9985



26.0329, 27.8722, 22.0976



5.9595, 5.8789, 6.8927



12.4960, 6.2035, 11.3588



0.1662, 0.0812, 0.2089

Previews

White Background



This preview shows how the XYZ color 22.9151, 25.3167, 32.5330 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 22.9151, 25.3167, 32.5330 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

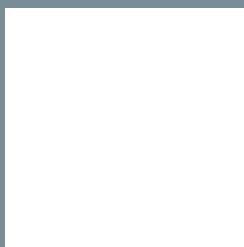
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.9151, 25.3167, 32.5330

Background



This preview shows how black text looks on a background with the XYZ color 22.9151, 25.3167, 32.5330.



This preview shows how white text looks on a background with the XYZ color 22.9151, 25.3167,

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

22.9151, 25.3167, 32.5330

Protanopia

24.5286, 25.3163, 31.1975

Deuteranopia

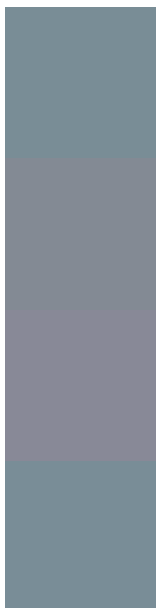
25.6126, 25.2139, 32.7950



Tritanopia

23.0775, 25.3817, 33.3886

Trichromacy



Original Color

22.9151, 25.3167, 32.5330

Protanomaly

23.7938, 25.1404, 31.6155

Deuteranomaly

24.6849, 25.3599, 32.8721

Tritanomaly

22.9959, 25.3491, 32.9590

Monochromacy



Original Color

22.9151, 25.3167, 32.5330

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.2563, 24.9253, 28.7846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9151, 25.3167, 32.5330 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(121, 141, 150)` looks like.

```
.text, #text, p{  
    color:rgb(121, 141, 150)  
}
```

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(121, 141, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 141, 150) }
```

Border

The CSS property to change the border of an element to XYZ 22.9151, 25.3167, 32.5330 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(121, 141, 150) }
```


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

```
.border{ border-color:rgb(121, 141, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 141, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 141, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 141, 150);  
box-shadow:4px 4px 4px 4px rgb(121, 141,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9151, 25.3167, 32.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 141, 150) }
```

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

```
.background{ background-color: rgb(121,  
141, 150) }
```

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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