

Converting Colors

XYZ(21.8826, 26.1336, 32.7451)

Have a look what the booklet for
XYZ(21.8826, 26.1336, 32.7451)
contains.

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Color

**XYZ(21.8826, 26.1336,
32.7451)**

Conversions

Conversions Part 1

Format	Color
Hex	6A9396
RGB	106, 147, 150
RGB Percent	42%, 58%, 59%
CMY	0.5843, 0.4235, 0.4118
CMYK	0.29, 0.02, 0.00, 0.41
HSL	184°, 17%, 50%
HSV	184°, 29%, 59%
XYZ	21.8826, 26.1336, 32.7451
YIQ	135.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

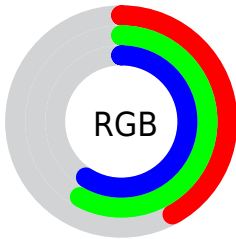
Format	Color
RYB	106, 127, 150
Decimal	6984598
CIELab	58.16, -13.22, -6.13
CIELCh	58, 14.574, 204.864
Yxy	26.1336, 0.2710, 0.3236
Android (android.graphics.Color)	4285174678 (0xFF6A9396)
YUV	135.0830, 7.3541, -25.5058
Hunter-Lab	51.1210, -13.0540, -2.1929

Details

The XYZ color **21.8826, 26.1336, 32.7451** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6482, 18.4621, 16.1115**, and the grayscale version is **23.0408, 24.2408, 26.3982**.

A 20% lighter version of the original color is **46.0838, 53.5039, 65.0251**, and **8.0659, 10.1073, 13.3302** is the 20% darker color. If you saturate the color by 10%, you get **20.0956, 24.9781, 32.6167**, and if you desaturate by 10%, it is **23.9844, 27.4548, 32.8898**.

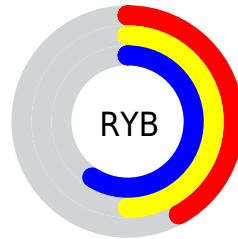
Distribution



Red (42%)

Green (58%)

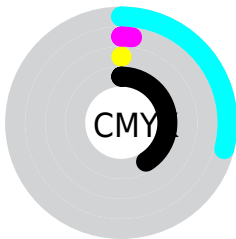
Blue (59%)



Red (42%)

Yellow (50%)

Blue (59%)

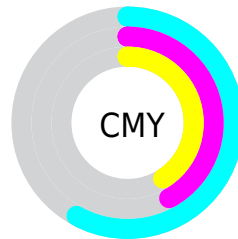


Cyan (29%)

Magenta (2%)

Yellow (0%)

Black (41%)



Cyan (58%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8826, 26.1336, 32.7451 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 21.8826, 26.1336, 32.7451 by changing the saturation by 10% instead.

■ 21.8826, 26.1336,
32.7451

■ 21.8826, 26.1336,
32.7451

254.5765,
283.4373, 329.0963

■ 13.8868, 16.9236,
21.6617

■ 46.0322, 53.4904,
65.0888

■ 8.1231, 10.1800,
13.4126

■ 62.9167, 72.4060,
87.1862

■ 4.2263, 5.5185,
7.5792

■ 83.4947, 95.3256,
113.7920

■ 1.8309, 2.5546,
3.7430

■ 108.1318,
122.6336, 145.3248

■ 0.5362, 0.9039,
1.4855

137.1931,
154.7143, 182.2030

■ 0.0000, 0.0000,
0.2071

171.0441,

■ 0.0000, 0.0000,

191.9523, 224.8454

0.0000

210.0501,
234.7318, 273.6703

■ 21.8826, 26.1336,
32.7451

■ 21.8826, 26.1336,
32.7451

■ 20.0956, 24.9781,
32.6167

■ 23.9844, 27.4548,
32.8898

■ 18.6048, 23.9767,
32.5020

■ 26.4137, 28.9463,
33.0496

■ 17.3933, 23.1214,
32.4007

■ 29.1855, 30.6164,
33.2259

■ 16.4415, 22.4021,
32.3121

■ 32.3129, 32.4720,
33.4192

■ 15.7272, 21.8073,
32.2349

■ 35.8085, 34.5195,
33.6302

■ 15.2245, 21.3236,
32.1680

■ 39.6842, 36.7651,
33.8594

■ 14.8735, 20.9202,
32.1087

■ 43.9516, 39.2147,
34.1073

■ 14.8510, 20.8938,
32.1048

■ 48.6214, 41.8739,
34.3744

■ 53.7042, 44.7482,
34.6613

Harmonies

Analogous

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



21.6069, 26.1336, 27.5929



21.8826, 26.1336, 32.7451



22.9349, 26.1336, 37.1763

Triad

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



21.8826, 26.1336, 32.7451



27.7223, 26.1336, 34.4299



25.1446, 26.1336, 19.8231

Complementary

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



21.8826, 26.1336, 32.7451



20.6482, 18.4621, 16.1115

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.



26.8461, 26.1336, 21.2170



21.8826, 26.1336, 32.7451



28.3788, 26.1336, 29.3350

Square

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



21.8826, 26.1336, 32.7451



26.2952, 26.1336, 38.2270



28.0508, 26.1336, 24.5571



23.4380, 26.1336, 20.5088

Rectangle

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



21.8826, 26.1336, 32.7451



23.9627, 26.1336, 38.9181



28.0508, 26.1336, 24.5571



25.7369, 26.1336, 20.0586

Sweetspot

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



21.8834, 26.1346, 32.7457



46.6849, 51.1263, 58.3291



19.6075, 25.9801, 18.4310



10.2117, 11.2486, 12.9178



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.



21.8834, 26.1346, 32.7457



36.5508, 44.7912, 57.6404



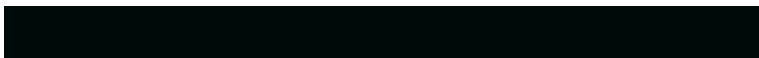
18.7915, 19.9509, 31.7151



5.9307, 6.4953, 7.4109



12.3263, 17.3474, 26.6298



0.1591, 0.2287, 0.3287

Inverse Universe

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



22.9988, 18.8993, 30.0407



38.8585, 30.0388, 51.9954



23.2870, 23.7399, 16.9912



6.0184, 5.9024, 7.2032



14.3488, 6.9446, 21.1157



0.1798, 0.0867, 0.2802

Previews

White Background



This preview shows how the XYZ color 21.8826, 26.1336, 32.7451 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 21.8826, 26.1336, 32.7451 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

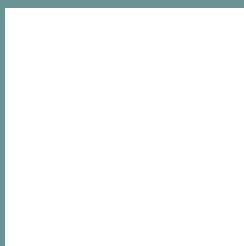
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8826, 26.1336, 32.7451

Background



This preview shows how black text looks on a background with the XYZ color 21.8826, 26.1336, 32.7451.

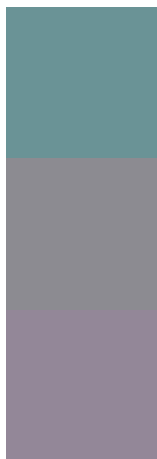


This preview shows how white text looks on a background with the XYZ color 21.8826, 26.1336,

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

21.8826, 26.1336, 32.7451

Protanopia

25.1587, 26.0850, 30.4970

Deuteranopia

26.3641, 25.7980, 33.2957



Tritanopia

22.6348, 26.2145, 36.2147

Trichromacy



Original Color

21.8826, 26.1336, 32.7451

Protanomaly

23.8415, 26.0418, 31.3737

Deuteranomaly

24.3343, 25.6051, 32.9379

Tritanomaly

22.2587, 26.0501, 34.8654

Monochromacy



Original Color

21.8826, 26.1336, 32.7451

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2784, 24.6438, 28.3935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8826, 26.1336, 32.7451 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(106, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(106, 147, 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(106, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 147, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.8826, 26.1336, 32.7451 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(106, 147, 150) }
```


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

```
.border{ border-color:rgb(106, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(106, 147,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8826, 26.1336, 32.7451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 147, 150) }
```

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

```
.background{ background-color: rgb(106,  
147, 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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