

Converting Colors

XYZ(21.3828, 26.2875, 32.9824)

Have a look what the booklet for
XYZ(21.3828, 26.2875, 32.9824)
contains.

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Color

**XYZ(21.3981, 26.3495,
32.8123)**

Conversions

Conversions Part 1

Format	Color
Hex	639596
RGB	99, 149, 150
RGB Percent	39%, 58%, 59%
CMY	0.6118, 0.4157, 0.4118
CMYK	0.34, 0.01, 0.00, 0.41
HSL	181°, 20%, 49%
HSV	181°, 34%, 59%
XYZ	21.3981, 26.3495, 32.8123
YIQ	134.1640, -30.1210, -10.2890

Conversions

Conversions Part 2

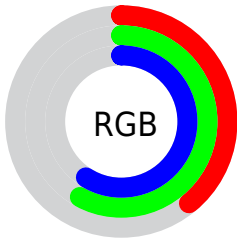
Format	Color
R_{YB}	99, 124, 150
Decimal	6526358
CIE _{Lab}	58.37, -16.38, -5.87
CIE _{LCh}	58, 17.399, 199.711
Yxy	26.3495, 0.2656, 0.3271
Android (android.graphics.Color)	4284716438 (0xFF639596)
YUV	134.1640, 7.8071, -30.8388
Hunter-Lab	51.3318, -15.4213, -1.9671

Details

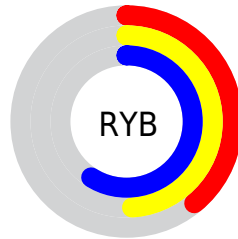
The XYZ color **21.3981, 26.3495, 32.8123** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.3875, 16.4997, 13.9681**, and the grayscale version is **22.7011, 23.8833, 26.0089**.

A 20% lighter version of the original color is **45.2039, 53.7469, 65.1184**, and **7.8387, 10.2646, 13.3725** is the 20% darker color. If you saturate the color by 10%, you get **19.8630, 25.4899, 32.7277**, and if you desaturate by 10%, it is **23.2393, 27.3684, 32.9124**.

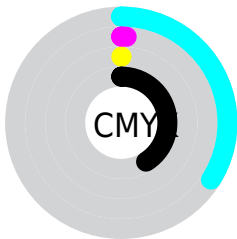
Distribution



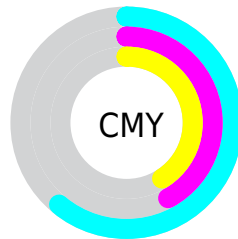
- Red (39%)
- Green (58%)
- Blue (59%)



- Red (39%)
- Yellow (49%)
- Blue (59%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (41%)



- Cyan (61%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3981, 26.3495, 32.8123 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 21.3981, 26.3495, 32.8123 by changing the saturation by 10% instead.

■ 21.3981, 26.3495,
32.8123

■ 21.3981, 26.3495,
32.8123

252.0785,
284.4936, 329.4091

■ 13.5294, 17.0853,
21.7128

■ 45.2354, 53.8382,
65.1950

■ 7.8736, 10.2953,
13.4497

■ 61.9348, 72.8316,
87.3152

■ 4.0653, 5.5952,
7.6046

■ 82.3085, 95.8367,
113.9461

■ 1.7391, 2.6005,
3.7589

■ 106.7218,
123.2381, 145.5062

■ 0.4806, 0.9269,
1.4940

135.5401,
155.4200, 182.4140

■ 0.0000, 0.0000,
0.2135

169.1288,

■ 0.0000, 0.0000,

192.7670, 225.0880

0.0000

207.8531,
235.6634, 273.9469

■ 21.3981, 26.3495,
32.8123

■ 21.3981, 26.3495,
32.8123

■ 19.8630, 25.4899,
32.7277

■ 23.2393, 27.3684,
32.9124

■ 18.6147, 24.7776,
32.6560

■ 25.3999, 28.5515,
33.0268

■ 17.6355, 24.2043,
32.5970

■ 27.8951, 29.9072,
33.1570

■ 16.9048, 23.7592,
32.5496

■ 30.7385, 31.4426,
33.3035

■ 16.3988, 23.4302,
32.5128

■ 33.9431, 33.1644,
33.4670

■ 16.0889, 23.2024,
32.4851

■ 37.5211, 35.0789,
33.6479

■ 15.9488, 23.0894,
32.4707

■ 41.4840, 37.1920,
33.8469

■ 45.8431, 39.5094,
34.0645

■ 50.6089, 42.0368,
34.3011

Harmonies

Analogous

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



21.2424, 26.3495, 26.6542



21.3981, 26.3495, 32.8123



22.4988, 26.3495, 38.5530

Triad

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



21.3981, 26.3495, 32.8123



28.2857, 26.3495, 36.9246



25.7799, 26.3495, 18.6646

Complementary

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



21.3981, 26.3495, 32.8123



19.3875, 16.4997, 13.9681

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.



27.7751, 26.3495, 20.6715



21.3981, 26.3495, 32.8123



29.2750, 26.3495, 30.8272

Square

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



21.3981, 26.3495, 32.8123



26.4452, 26.3495, 41.1495



29.0831, 26.3495, 24.9285



23.6940, 26.3495, 19.0399

Rectangle

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



21.3981, 26.3495, 32.8123



23.6568, 26.3495, 41.0982



29.0831, 26.3495, 24.9285



26.4853, 26.3495, 19.0705

Sweetspot

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



21.3989, 26.3505, 32.8129



46.4275, 51.2592, 58.3683



18.3456, 25.3831, 15.9519



10.1685, 11.2942, 12.9289



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.



21.3989, 26.3505, 32.8129



35.6025, 45.2931, 57.7872



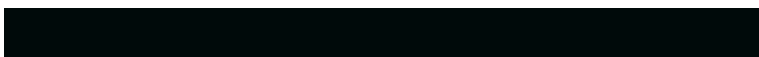
17.8152, 19.1831, 31.6183



5.9545, 6.5430, 7.4188



13.2303, 19.1553, 26.9311



0.1644, 0.2394, 0.3305

Inverse Universe

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



22.4650, 17.5784, 30.6438



37.7943, 27.3714, 53.3024



22.2084, 22.1416, 14.9084



6.0305, 5.9073, 7.2666



14.8051, 7.1271, 23.5185



0.1825, 0.0877, 0.2945

Previews

White Background



This preview shows how the XYZ color 21.3981, 26.3495, 32.8123 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 21.3981, 26.3495, 32.8123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

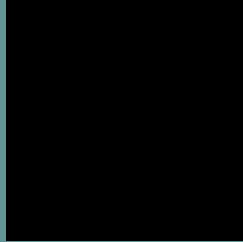
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.3981, 26.3495, 32.8123

Background



This preview shows how black text looks on a background with the XYZ color 21.3981, 26.3495, 32.8123.

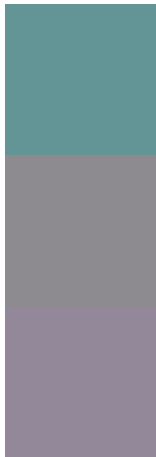


This preview shows how white text looks on a background with the XYZ color 21.3981, 26.3495,

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

21.3981, 26.3495, 32.8123

Protanopia

25.2512, 26.1416, 30.1005

Deuteranopia

26.5866, 26.1113, 33.7757



Tritanopia

22.2147, 26.4497, 36.7354

Trichromacy



Original Color

21.3981, 26.3495, 32.8123

Protanomaly

23.6150, 26.1559, 30.9981

Deuteranomaly

24.3983, 26.0626, 33.4504

Tritanomaly

21.8462, 26.2894, 35.3754

Monochromacy



Original Color

21.3981, 26.3495, 32.8123

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.8514, 24.4236, 28.3735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3981, 26.3495, 32.8123 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(99, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(99, 149, 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(99, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 149, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.3981, 26.3495, 32.8123 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(99, 149, 150) }
```


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

```
.border{ border-color:rgb(99, 149, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(99, 149,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3981, 26.3495, 32.8123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 149, 150) }
```

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

```
.background{ background-color: rgb(99, 149,  
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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