

Converting Colors

XYZ(21.0800, 26.6664, 32.1679)

Have a look what the booklet for
XYZ(21.0800, 26.6664, 32.1679)
contains.

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Color

**XYZ(21.0280, 26.6510,
32.0528)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9794
RGB	94, 151, 148
RGB Percent	37%, 59%, 58%
CMY	0.6314, 0.4078, 0.4196
CMYK	0.38, 0.00, 0.02, 0.41
HSL	177°, 23%, 48%
HSV	177°, 38%, 59%
XYZ	21.0280, 26.6510, 32.0528
YIQ	133.6150, -33.0090, -13.0170

Conversions

Conversions Part 2

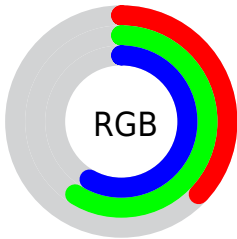
Format	Color
R_{YB}	94, 123, 151
Decimal	6199188
CIE _{Lab}	58.65, -19.36, -4.34
CIE _{LCh}	59, 19.841, 192.630
Yxy	26.6510, 0.2637, 0.3343
Android (android.graphics.Color)	4284389268 (0xFF5E9794)
YUV	133.6150, 7.0918, -34.7424
Hunter-Lab	51.6246, -17.6355, -0.6749

Details

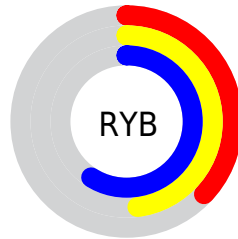
The XYZ color **21.0280, 26.6510, 32.0528** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.9238, 15.4486, 13.2948**, and the grayscale version is **22.5029, 23.6748, 25.7819**.

A 20% lighter version of the original color is **44.5246, 54.1300, 63.9785**, and **7.6697, 10.4697, 12.9259** is the 20% darker color. If you saturate the color by 10%, you get **19.5660, 25.9052, 31.6575**, and if you desaturate by 10%, it is **22.7949, 27.5552, 32.4658**.

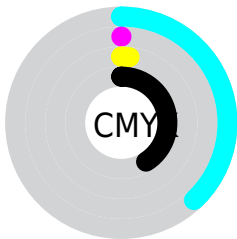
Distribution



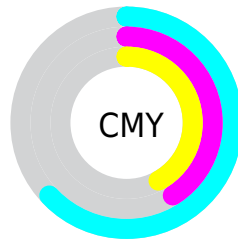
- Red (37%)
- Green (59%)
- Blue (58%)



- Red (37%)
- Yellow (48%)
- Blue (59%)



- Cyan (38%)
- Magenta (0%)
- Yellow (2%)
- Black (41%)



- Cyan (63%)
- Magenta (41%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0280, 26.6510, 32.0528 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 21.0280, 26.6510, 32.0528 by changing the saturation by 10% instead.

■ 21.0280, 26.6510,
32.0528

■ 21.0280, 26.6510,
32.0528

250.1562,
285.9633, 325.8598

■ 13.2570, 17.3113,
21.1367

■ 44.6251, 54.3233,
63.9927

■ 7.6840, 10.4567,
13.0317

■ 61.1819, 73.4247,
85.8536

■ 3.9435, 5.7028,
7.3194

■ 81.3980, 96.5488,
112.1998

■ 1.6702, 2.6652,
3.5812

■ 105.6388,
124.0800, 143.4499

■ 0.4375, 0.9596,
1.3985

134.2697,
156.4026, 180.0224

■ 0.0000, 0.0000,
0.1406

167.6560,

■ 0.0000, 0.0000,

193.9011, 222.3359

0.0000

206.1630,
236.9599, 270.8088

■ 21.0280, 26.6510,
32.0528

■ 21.0280, 26.6510,
32.0528

■ 19.5660, 25.9052,
31.6575

■ 22.7949, 27.5552,
32.4658

■ 18.3889, 25.3056,
31.2772

■ 24.8808, 28.6232,
32.8954

■ 17.4778, 24.8430,
30.9115

■ 27.3015, 29.8637,
33.3430

■ 16.8106, 24.5062,
30.5596

■ 30.0711, 31.2841,
33.8091

■ 16.3619, 24.2819,
30.2201

■ 33.2032, 32.8912,
34.2945

■ 16.0850, 24.1462,
29.8909

■ 36.7102, 34.6916,
34.7998

■ 16.0288, 24.1188,
29.8173

■ 40.6044, 36.6915,
35.3254

■ 44.8971, 38.8968,
35.8719

■ 49.5994, 41.3132,
36.4400

Harmonies

Analogous

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



21.1167, 26.6510, 25.1934



21.0280, 26.6510, 32.0528



22.0373, 26.6510, 39.0894

Triad

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



21.0280, 26.6510, 32.0528



28.6390, 26.6510, 40.0546



26.7559, 26.6510, 18.0022

Complementary

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



21.0280, 26.6510, 32.0528



18.9238, 15.4486, 13.2948

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.



28.9374, 26.6510, 20.8453



21.0280, 26.6510, 32.0528



30.0716, 26.6510, 33.2122

Square

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



21.0280, 26.6510, 32.0528



26.3695, 26.6510, 44.1827



30.1842, 26.6510, 26.1818



24.3201, 26.6510, 17.7940

Rectangle

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



21.0280, 26.6510, 32.0528



23.2372, 26.6510, 42.6424



30.1842, 26.6510, 26.1818



27.5469, 26.6510, 18.6576

Sweetspot

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



21.0288, 26.6521, 32.0534



47.3168, 52.6729, 59.4289



18.1033, 25.5280, 14.5635



10.6317, 11.9089, 13.4849



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.



21.0288, 26.6521, 32.0534



35.4833, 46.6180, 56.8213



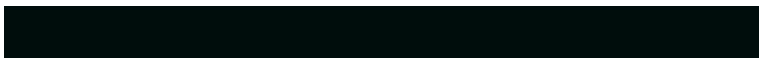
17.7021, 19.6135, 32.1321



6.3705, 7.0209, 7.8746



13.6389, 20.5190, 25.3829



0.2076, 0.3082, 0.3989

Inverse Universe

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



18.9238, 15.4486, 13.2948



31.1786, 23.6906, 18.4478



21.3450, 20.5107, 13.4243



6.2213, 6.2277, 6.5456



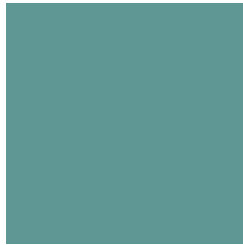
10.8979, 5.6134, 0.7212



0.1660, 0.0851, 0.0270

Previews

White Background



This preview shows how the XYZ color 21.0280, 26.6510, 32.0528 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 21.0280, 26.6510, 32.0528 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 21.0280, 26.6510, 32.0528

Background



This preview shows how black text looks on a background with the XYZ color 21.0280, 26.6510, 32.0528.



This preview shows how white text looks on a background with the XYZ color 21.0280, 26.6510,

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

21.0280, 26.6510, 32.0528

Protanopia

25.5135, 26.5189, 28.9733

Deuteranopia

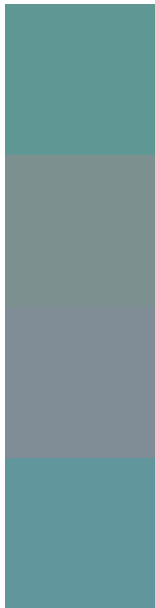
26.7845, 26.2322, 32.9298



Tritanopia

22.1102, 26.6095, 37.6890

Trichromacy



Original Color

21.0280, 26.6510, 32.0528

Protanomaly

23.4647, 26.3201, 30.2291

Deuteranomaly

24.0832, 25.9189, 32.5877

Tritanomaly

21.7310, 26.6998, 35.4607

Monochromacy



Original Color

21.0280, 26.6510, 32.0528

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.6460, 24.5422, 28.0223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0280, 26.6510, 32.0528 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(94, 151, 148)` looks like.

```
.text, #text, p{  
    color:rgb(94, 151, 148)  
}
```

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(94, 151, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 151, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.0280, 26.6510, 32.0528 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(94, 151, 148) }
```


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

```
.border{ border-color:rgb(94, 151, 148) }
```

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

Here you see how a box with a 4 pixel rgb(94, 151, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 151, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 151, 148);  
box-shadow:4px 4px 4px 4px rgb(94, 151,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0280, 26.6510, 32.0528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 151, 148) }
```

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

```
.background{ background-color: rgb(94, 151,  
148) }
```

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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