

Converting Colors

XYZ(21.0509, 26.3710, 32.8866)

Have a look what the booklet for
XYZ(21.0509, 26.3710, 32.8866)
contains.

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Color

**XYZ(21.0275, 26.3944,
32.8405)**

Conversions

Conversions Part 1

Format	Color
Hex	5E9696
RGB	94, 150, 150
RGB Percent	37%, 59%, 59%
CMY	0.6314, 0.4118, 0.4118
CMYK	0.37, 0.00, 0.00, 0.41
HSL	180°, 23%, 48%
HSV	180°, 37%, 59%
XYZ	21.0275, 26.3944, 32.8405
YIQ	133.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

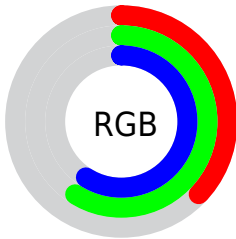
Format	Color
R _Y B	94, 122, 150
Decimal	6198934
CIE Lab	58.41, -18.33, -5.83
CIE LCh	58, 19.234, 197.657
Yxy	26.3944, 0.2620, 0.3289
Android (android.graphics.Color)	4284389014 (0xFF5E9696)
YUV	133.2560, 8.2548, -34.4275
Hunter-Lab	51.3755, -16.8487, -1.9368

Details

The XYZ color **21.0275, 26.3944, 32.8405** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.6017, 15.2985, 12.5632**, and the grayscale version is **22.3678, 23.5327, 25.6271**.

A 20% lighter version of the original color is **44.5246, 53.7484, 65.1545**, and **7.6688, 10.3168, 13.3915** is the 20% darker color. If you saturate the color by 10%, you get **19.6365, 25.6780, 32.7758**, and if you desaturate by 10%, it is **22.7190, 27.2670, 32.9204**.

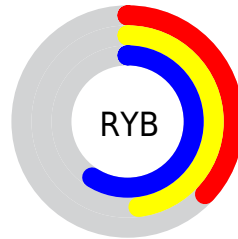
Distribution



Red (37%)

Green (59%)

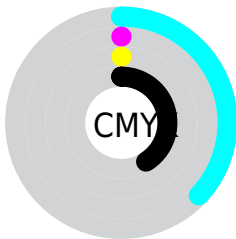
Blue (59%)



Red (37%)

Yellow (48%)

Blue (59%)

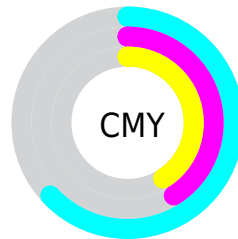


Cyan (37%)

Magenta (0%)

Yellow (0%)

Black (41%)



Cyan (63%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0275, 26.3944, 32.8405 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 21.0275, 26.3944, 32.8405 by changing the saturation by 10% instead.

■ 21.0275, 26.3944,
32.8405

■ 21.0275, 26.3944,
32.8405

250.1536,
284.7128, 329.5403

■ 13.2567, 17.1189,
21.7342

■ 44.6242, 53.9105,
65.2396

■ 7.6838, 10.3193,
13.4653

■ 61.1808, 72.9200,
87.3694

■ 3.9434, 5.6112,
7.6152

■ 81.3968, 95.9429,
114.0108

■ 1.6701, 2.6101,
3.7655

■ 105.6374,
123.3636, 145.5823

■ 0.4375, 0.9318,
1.4976

134.2680,
155.5666, 182.5025

■ 0.0000, 0.0000,
0.2161

167.6540,

■ 0.0000, 0.0000,

192.9362, 225.1898

0.0000

206.1607,
235.8568, 274.0630

■ 21.0275, 26.3944,
32.8405

■ 21.0275, 26.3944,
32.8405

■ 19.6365, 25.6780,
32.7758

■ 22.7190, 27.2670,
32.9204

■ 18.5263, 25.1056,
32.7236

■ 24.7246, 28.3010,
33.0145

■ 17.6785, 24.6686,
32.6838

■ 27.0601, 29.5049,
33.1240

■ 17.0715, 24.3557,
32.6552

■ 29.7392, 30.8861,
33.2496

■ 16.6803, 24.1540,
32.6367

■ 32.7752, 32.4512,
33.3918

■ 16.4617, 24.0413,
32.6262

■ 36.1804, 34.2066,
33.5514

■ 16.4117, 24.0155,
32.6238

■ 39.9666, 36.1585,
33.7288

■ 44.1452, 38.3126,
33.9245

■ 48.7270, 40.6746,
34.1391

Harmonies

Analogous

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



20.9314, 26.3944, 26.0635



21.0275, 26.3944, 32.8405



22.1682, 26.3944, 39.3904

Triad

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



21.0275, 26.3944, 32.8405



28.5730, 26.3944, 38.3542



26.0643, 26.3944, 17.8711

Complementary

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



21.0275, 26.3944, 32.8405



18.6017, 15.2985, 12.5632

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.



28.2515, 26.3944, 20.2049



21.0275, 26.3944, 32.8405



29.7594, 26.3944, 31.5916

Square

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



21.0275, 26.3944, 32.8405



26.4811, 26.3944, 42.8991



29.6382, 26.3944, 24.9941



23.7429, 26.3944, 18.0980

Rectangle

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



21.0275, 26.3944, 32.8405



23.4102, 26.3944, 42.4286



29.6382, 26.3944, 24.9941



26.8422, 26.3944, 18.3649

Sweetspot

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



21.0283, 26.3954, 32.8411



46.0816, 51.2059, 58.3758



17.6400, 25.0513, 14.4960



10.1018, 11.2909, 12.9317



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.



21.0283, 26.3954, 32.8411



34.9764, 45.4810, 57.8549



17.1967, 18.7320, 31.5646



5.9641, 6.5622, 7.4220



13.6109, 19.9172, 27.0565



0.1666, 0.2438, 0.3312

Inverse Universe

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



18.6017, 15.2985, 12.5632



30.0443, 22.9260, 16.6395



21.4445, 20.9841, 13.5105



5.8008, 5.8154, 6.0572



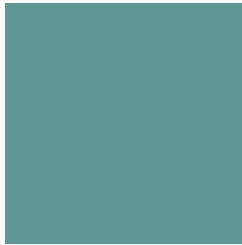
10.4317, 5.3777, 0.4883



0.1277, 0.0658, 0.0060

Previews

White Background



This preview shows how the XYZ color 21.0275, 26.3944, 32.8405 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 21.0275, 26.3944, 32.8405 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

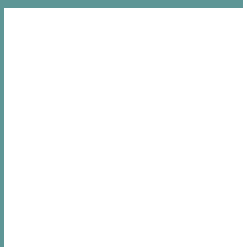
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0275, 26.3944, 32.8405

Background



This preview shows how black text looks on a background with the XYZ color 21.0275, 26.3944, 32.8405.



This preview shows how white text looks on a background with the XYZ color 21.0275, 26.3944,

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

21.0275, 26.3944, 32.8405

Protanopia

25.1750, 26.1111, 29.6997

Deuteranopia

26.5866, 26.1113, 33.7757



Tritanopia

21.8648, 26.2593, 37.1739

Trichromacy



Original Color

21.0275, 26.3944, 32.8405

Protanomaly

23.3229, 26.0053, 30.9844

Deuteranomaly

24.0945, 25.9059, 33.4362

Tritanomaly

21.5721, 26.3820, 35.4078

Monochromacy



Original Color

21.0275, 26.3944, 32.8405

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.5006, 24.2513, 27.9739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0275, 26.3944, 32.8405 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, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(94, 150, 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(94, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 150, 150) }
```

Border

The CSS property to change the border of an element to XYZ 21.0275, 26.3944, 32.8405 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, 150, 150) }
```


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

```
.border{ border-color:rgb(94, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(94, 150,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0275, 26.3944, 32.8405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 150, 150) }
```

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

```
.background{ background-color: rgb(94, 150,  
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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