

Converting Colors

XYZ(21.1971, 27.5769, 32.0206)

Have a look what the booklet for
XYZ(21.1971, 27.5769, 32.0206)
contains.

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Color

**XYZ(21.1173, 27.4230,
32.1971)**

Conversions

Conversions Part 1

Format	Color
Hex	5A9A94
RGB	90, 154, 148
RGB Percent	35%, 60%, 58%
CMY	0.6471, 0.3961, 0.4196
CMYK	0.42, 0.00, 0.04, 0.40
HSL	174°, 26%, 48%
HSV	174°, 42%, 60%
XYZ	21.1173, 27.4230, 32.1971
YIQ	134.1800, -36.2180, -15.4340

Conversions

Conversions Part 2

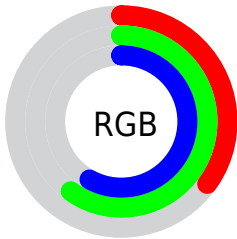
Format	Color
R_{YB}	90, 124, 154
Decimal	5937812
CIE _{Lab}	59.36, -22.01, -3.31
CIE _{LCh}	59, 22.258, 188.544
Yxy	27.4230, 0.2616, 0.3397
Android (android.graphics.Color)	4284127892 (0xFF5A9A94)
YUV	134.1800, 6.8133, -38.7459
Hunter-Lab	52.3670, -19.6610, 0.2033

Details

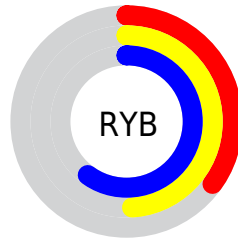
The XYZ color **21.1173, 27.4230, 32.1971** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0948, 15.0276, 12.9615**, and the grayscale version is **22.7120, 23.8948, 26.0215**.

A 20% lighter version of the original color is **44.7888, 55.7048, 64.2686**, and **7.7355, 10.9386, 13.0129** is the 20% darker color. If you saturate the color by 10%, you get **19.6584, 26.6847, 31.5363**, and if you desaturate by 10%, it is **22.8896, 28.3240, 32.8812**.

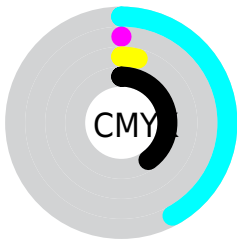
Distribution



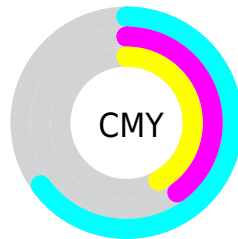
- Red (35%)
- Green (60%)
- Blue (58%)



- Red (35%)
- Yellow (49%)
- Blue (60%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (40%)



- Cyan (65%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1173, 27.4230, 32.1971 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 21.1173, 27.4230, 32.1971 by changing the saturation by 10% instead.

■ 21.1173, 27.4230,
32.1971

■ 21.1173, 27.4230,
32.1971

250.6212,
289.6994, 326.5365

■ 13.3227, 17.8912,
21.2460

■ 44.7725, 55.5619,
64.2214

■ 7.7297, 10.8719,
13.1110

■ 61.3638, 74.9378,
86.1318

■ 3.9728, 5.9807,
7.3734

■ 81.6181, 98.3637,
112.5323

■ 1.6868, 2.8334,
3.6147

■ 105.9006,
126.2243, 143.8416

■ 0.4480, 1.0454,
1.4165

134.5769,
158.9037, 180.4781

■ 0.0000, 0.0000,
0.1545

168.0121,

■ 0.0000, 0.0000,

196.7864, 222.8604

0.0000

206.5718,
240.2569, 271.4070

■ 21.1173, 27.4230,
32.1971

■ 21.1173, 27.4230,
32.1971

■ 19.6584, 26.6847,
31.5363

■ 22.8896, 28.3240,
32.8812

■ 18.4912, 26.0960,
30.8960

■ 24.9905, 29.3936,
33.5875

■ 17.5950, 25.6467,
30.2758


■ 27.4373, 30.6414,
34.3175

■ 16.9453, 25.3245,
29.6745

■ 30.2451, 32.0750,
35.0720


■ 16.5134, 25.1143,
29.0907


■ 33.4282, 33.7021,
35.8515

 16.2574, 24.9927,
28.6087

 37.0003, 35.5294,
36.6569

 40.9742, 37.5638,
37.4886

 45.3622, 39.8114,
38.3474

 50.1761, 42.2784,
39.2337

Harmonies

Analogous

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



21.3895, 27.4230, 24.5905



21.1173, 27.4230, 32.1971



22.0948, 27.4230, 40.4771

Triad

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



21.1173, 27.4230, 32.1971



29.5478, 27.4230, 43.5400



28.0741, 27.4230, 17.7338

Complementary

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



21.1173, 27.4230, 32.1971



19.0948, 15.0276, 12.9615

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.



30.4838, 27.4230, 21.2820



21.1173, 27.4230, 32.1971



31.3760, 27.4230, 35.8308

Square

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



21.1173, 27.4230, 32.1971



26.8688, 27.4230, 47.7486



31.7302, 27.4230, 27.6369



25.2768, 27.4230, 17.1102

Rectangle

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



21.1173, 27.4230, 32.1971



23.3676, 27.4230, 44.9541



31.7302, 27.4230, 27.6369



28.9619, 27.4230, 18.5892

Sweetspot

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



21.1181, 27.4241, 32.1977



49.5162, 55.4950, 62.2461



18.2679, 26.3591, 13.7983



11.0818, 12.4968, 14.0530



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.1181, 27.4241, 32.1977



35.8427, 48.5402, 57.3517



17.8214, 20.0505, 33.5040



6.3596, 7.0166, 7.8171



13.2518, 20.3642, 23.3443



0.2044, 0.3070, 0.3822

Inverse Universe

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



19.0948, 15.0276, 12.9615



31.6594, 22.8635, 17.5451



21.3722, 20.0078, 12.4087



6.2312, 6.2316, 6.5974



10.9310, 5.6266, 0.8959



0.1689, 0.0863, 0.0421

Previews

White Background



This preview shows how the XYZ color 21.1173, 27.4230, 32.1971 looks on a white background.

Color Contrast Check

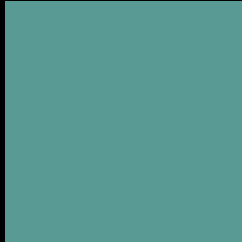
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1173, 27.4230, 32.1971 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

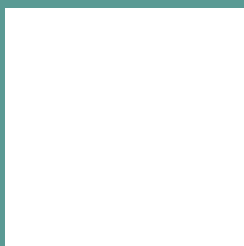
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.1173, 27.4230, 32.1971

Background



This preview shows how black text looks on a background with the XYZ color 21.1173, 27.4230, 32.1971.



This preview shows how white text looks on a background with the XYZ color 21.1173, 27.4230,

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

21.1173, 27.4230, 32.1971

Protanopia

26.1578, 27.2888, 29.0879

Deuteranopia

27.6233, 27.0867, 33.0505



Tritanopia

22.5452, 27.5165, 39.2449

Trichromacy



Original Color

21.1173, 27.4230, 32.1971

Protanomaly

23.7704, 26.9314, 30.3310

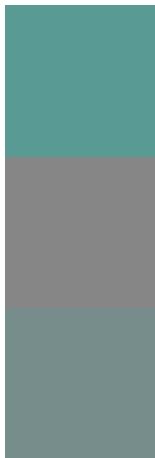
Deuteranomaly

24.5315, 26.8157, 32.7371

Tritanomaly

22.0770, 27.5782, 36.5073

Monochromacy



Original Color

21.1173, 27.4230, 32.1971

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

21.6563, 24.7654, 28.0649

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1173, 27.4230, 32.1971 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(90, 154, 148)` looks like.

```
.text, #text, p{  
    color:rgb(90, 154, 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(90, 154, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 154, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.1173, 27.4230, 32.1971 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(90, 154, 148) }
```


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

```
.border{ border-color:rgb(90, 154, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 154, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 154, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 154, 148);  
box-shadow:4px 4px 4px 4px rgb(90, 154,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1173, 27.4230, 32.1971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 154, 148) }
```

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

```
.background{ background-color: rgb(90, 154,  
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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