

Converting Colors

XYZ(20.1750, 25.2671, 32.0850)

Have a look what the booklet for
XYZ(20.1750, 25.2671, 32.0850)
contains.

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Color

**XYZ(20.1729, 25.2615,
32.2465)**

Conversions

Conversions Part 1

Format	Color
Hex	5B9395
RGB	91, 147, 149
RGB Percent	36%, 58%, 58%
CMY	0.6431, 0.4235, 0.4157
CMYK	0.39, 0.01, 0.00, 0.42
HSL	182°, 24%, 47%
HSV	182°, 39%, 58%
XYZ	20.1729, 25.2615, 32.2465
YIQ	130.4840, -34.0180, -11.2500

Conversions

Conversions Part 2

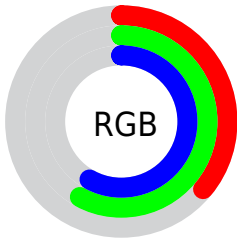
Format	Color
R_{YB}	91, 119, 149
Decimal	6001557
CIE _{Lab}	57.33, -17.83, -6.88
CIE _{LCh}	57, 19.108, 201.113
Yxy	25.2615, 0.2597, 0.3252
Android (android.graphics.Color)	4284191637 (0xFF5B9395)
YUV	130.4840, 9.1284, -34.6275
Hunter-Lab	50.2608, -16.3129, -2.8569

Details

The XYZ color **20.1729, 25.2615, 32.2465** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1975, 14.9739, 11.8292**, and the grayscale version is **21.3675, 22.4802, 24.4810**.

A 20% lighter version of the original color is **43.1677, 52.0144, 64.2645**, and **7.2242, 9.6789, 13.0427** is the 20% darker color. If you saturate the color by 10%, you get **18.7680, 24.4196, 32.1585**, and if you desaturate by 10%, it is **21.8713, 26.2565, 32.3495**.

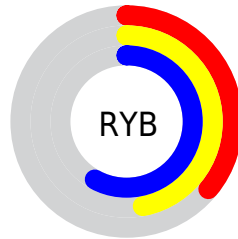
Distribution



Red (36%)

Green (58%)

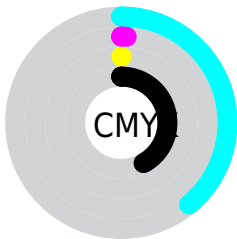
Blue (58%)



Red (36%)

Yellow (47%)

Blue (58%)

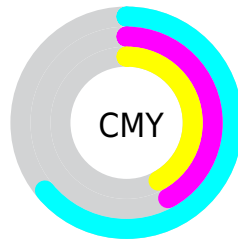


Cyan (39%)

Magenta (1%)

Yellow (0%)

Black (42%)



Cyan (64%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1729, 25.2615, 32.2465 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 20.1729, 25.2615, 32.2465 by changing the saturation by 10% instead.

■ 20.1729, 25.2615,
32.2465

■ 20.1729, 25.2615,
32.2465

245.6654,
279.1377, 326.7679

■ 12.6298, 16.2720,
21.2835

■ 43.2086, 52.0811,
64.2997

■ 7.2493, 9.7168,
13.1381

■ 59.4319, 70.6800,
86.2270

■ 3.6662, 5.2116,
7.3919

■ 79.2793, 93.2509,
112.6461

■ 1.5151, 2.3720,
3.6262

■ 103.1162,
120.1780, 143.9755

■ 0.3361, 0.8114,
1.4226

131.3079,
151.8459, 180.6339

■ 0.0000, 0.0000,
0.1593

164.2197,

■ 0.0000, 0.0000,

188.6389, 223.0397

0.0000

202.2171,
230.9414, 271.6115

■ 20.1729, 25.2615,
32.2465

■ 20.1729, 25.2615,
32.2465

■ 18.7680, 24.4196,
32.1585

■ 21.8713, 26.2565,
32.3495

■ 17.6370, 23.7188,
32.0828

■ 23.8769, 27.4097,
32.4664

■ 16.7615, 23.1503,
32.0192

■ 26.2053, 28.7298,
32.5985

■ 16.1198, 22.7028,
31.9667

■ 28.8701, 30.2240,
32.7464

■ 15.6866, 22.3634,
31.9240

■ 31.8846, 31.8989,
32.9108

■ 15.4065, 22.1033,
31.8886

■ 35.2608, 33.7609,
33.0923

■ 15.3780, 22.0763,
31.8848

■ 39.0107, 35.8160,
33.2913

■ 43.1454, 38.0700,
33.5084

■ 47.6756, 40.5285,
33.7442

Harmonies

Analogous

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



19.9599, 25.2615, 25.6235



20.1729, 25.2615, 32.2465



21.3790, 25.2615, 38.3993

Triad

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



20.1729, 25.2615, 32.2465



27.5617, 25.2615, 36.1009



24.6893, 25.2615, 16.9325

Complementary

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



20.1729, 25.2615, 32.2465



18.1975, 14.9739, 11.8292

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.



26.8491, 25.2615, 18.8955



20.1729, 25.2615, 32.2465



28.5746, 25.2615, 29.4775

Square

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



20.1729, 25.2615, 32.2465



25.6132, 25.2615, 40.8566



28.3059, 25.2615, 23.2535



22.4757, 25.2615, 17.4348

Rectangle

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



20.1729, 25.2615, 32.2465



22.6281, 25.2615, 41.0726



28.3059, 25.2615, 23.2535



25.4476, 25.2615, 17.3129

Sweetspot

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



20.1737, 25.2625, 32.2471



45.4803, 50.6322, 58.2972



17.0352, 24.5087, 14.1738



9.9723, 11.1603, 12.9134



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.



20.1737, 25.2625, 32.2471



33.8330, 43.8669, 57.6052



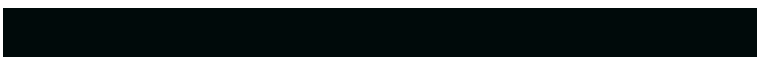
16.2260, 17.3672, 30.9312



5.9472, 6.5283, 7.4164



12.9472, 18.5892, 26.8367



0.1628, 0.2361, 0.3299

Inverse Universe

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



21.4026, 15.9789, 29.5611



36.3854, 24.8333, 51.9708



21.2346, 21.0481, 12.8416



6.0268, 5.9058, 7.2471



14.6622, 7.0699, 22.7660



0.1816, 0.0874, 0.2901

Previews

White Background



This preview shows how the XYZ color 20.1729, 25.2615, 32.2465 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 20.1729, 25.2615, 32.2465 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

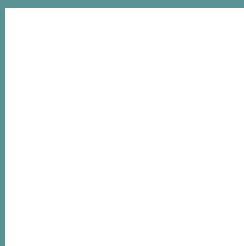
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1729, 25.2615, 32.2465

Background



This preview shows how black text looks on a background with the XYZ color 20.1729, 25.2615, 32.2465.

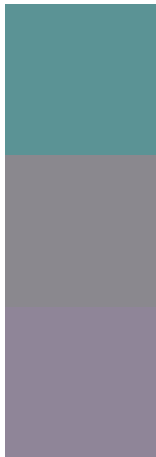


This preview shows how white text looks on a background with the XYZ color 20.1729, 25.2615,

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

20.1729, 25.2615, 32.2465

Protanopia

24.1679, 24.9646, 29.1360

Deuteranopia

25.3827, 24.8817, 33.1706



Tritanopia

20.8789, 25.3192, 35.6850

Trichromacy



Original Color

20.1729, 25.2615, 32.2465

Protanomaly

22.3741, 24.8654, 30.4083

Deuteranomaly

22.9866, 24.6964, 32.8335

Tritanomaly

20.5253, 25.1662, 34.3476

Monochromacy



Original Color

20.1729, 25.2615, 32.2465

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5220, 23.1275, 27.0493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1729, 25.2615, 32.2465 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(91, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(91, 147, 149)  
}
```

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(91, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 147, 149) }
```

Border

The CSS property to change the border of an element to XYZ 20.1729, 25.2615, 32.2465 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(91, 147, 149) }
```


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

```
.border{ border-color:rgb(91, 147, 149) }
```

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

Here you see how a box with a 4 pixel rgb(91, 147, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(91, 147,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1729, 25.2615, 32.2465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 147, 149) }
```

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

```
.background{ background-color: rgb(91, 147,  
149) }
```

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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