

Converting Colors

XYZ(20.1174, 24.5493, 32.1120)

Have a look what the booklet for
XYZ(20.1174, 24.5493, 32.1120)
contains.

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Color

**XYZ(20.1174, 24.5493,
32.1120)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 5F9095 |
| RGB | 95, 144, 149 |
| RGB Percent | 37%, 56%, 58% |
| CMY | 0.6274, 0.4353, 0.4157 |
| CMYK | 0.36, 0.03, 0.00, 0.42 |
| HSL | 186°, 22%, 48% |
| HSV | 186°, 36%, 58% |
| XYZ | 20.1174, 24.5493, 32.1120 |
| YIQ | 129.9190, -30.8090, -8.8330 |

Conversions

Conversions Part 2

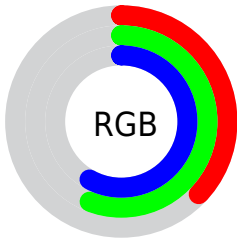
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 95, 121, 149 |
| Decimal | 6262933 |
| CIE Lab | 56.63, -15.10, -7.90 |
| CIE LCh | 57, 17.040, 207.607 |
| Yxy | 24.5493, 0.2620, 0.3197 |
| Android (android.graphics.Color) | 4284453013 (0xFF5F9095) |
| YUV | 129.9190, 9.4069, -30.6240 |
| Hunter-Lab | 49.5473, -14.2323, -3.7433 |

Details

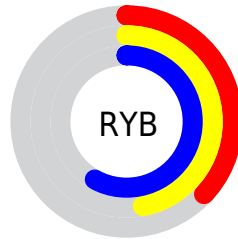
The XYZ color **20.1174, 24.5493, 32.1120** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0176, 16.3305, 12.9769**, and the grayscale version is **21.1657, 22.2679, 24.2498**.

A 20% lighter version of the original color is **43.1863, 50.9959, 64.0669**, and **7.1577, 9.2460, 12.9627** is the 20% darker color. If you saturate the color by 10%, you get **18.5078, 23.4119, 31.9777**, and if you desaturate by 10%, it is **22.0271, 25.8464, 32.2621**.

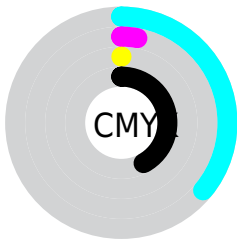
Distribution



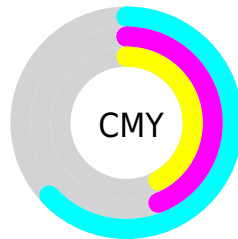
- Red (37%)
- Green (56%)
- Blue (58%)



- Red (37%)
- Yellow (47%)
- Blue (58%)



- Cyan (36%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (63%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1174, 24.5493, 32.1120 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 20.1174, 24.5493, 32.1120 by changing the saturation by 10% instead.

■ 20.1174, 24.5493,
32.1120

■ 20.1174, 24.5493,
32.1120

■ 245.3714,
275.5859, 326.1376

■ 12.5892, 15.7416,
21.1815

■ 43.1164, 50.9251,
64.0866

■ 7.2213, 9.3415,
13.0642

■ 59.3178, 69.2620,
85.9678

■ 3.6484, 4.9646,
7.3415

■ 79.1411, 91.5441,
112.3363

■ 1.5052, 2.2265,
3.5949

■ 102.9514,
118.1557, 143.6106

■ 0.3294, 0.7344,
1.4059

■ 131.1143,
149.4813, 180.2094

■ 0.0000, 0.0000,
0.1463

■ 163.9950,

■ 0.0000, 0.0000,

185.9053, 222.5511

0.0000

201.9589,
227.8120, 271.0543

■ 20.1174, 24.5493,
32.1120

■ 20.1174, 24.5493,
32.1120

■ 18.5078, 23.4119,
31.9777

■ 22.0271, 25.8464,
32.2621

■ 17.1792, 22.4225,
31.8568

■ 24.2502, 27.3083,
32.4271

■ 16.1136, 21.5724,
31.7488

■ 26.8021, 28.9435,
32.6083

■ 15.2900, 20.8509,
31.6530

■ 29.6963, 30.7590,
32.8062

■ 14.6845, 20.2455,
31.5680

■ 32.9456, 32.7615,
33.0214

■ 14.2607, 19.7375,
31.4923

■ 36.5623, 34.9571,
33.2546

■ 14.1179, 19.5560,
31.4648

■ 40.5579, 37.3520,
33.5062

■ 44.9434, 39.9517,
33.7769

■ 49.7295, 42.7619,
34.0671

Harmonies

Analogous

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



19.7300, 24.5493, 26.2770



20.1174, 24.5493, 32.1120



21.3512, 24.5493, 37.0428

Triad

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



20.1174, 24.5493, 32.1120



26.7006, 24.5493, 33.0120



23.4928, 24.5493, 17.2430

Complementary

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



20.1174, 24.5493, 32.1120



19.0176, 16.3305, 12.9769

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.



25.4346, 24.5493, 18.5345



20.1174, 24.5493, 32.1120



27.3508, 24.5493, 27.1882

Square

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



20.1174, 24.5493, 32.1120



25.1438, 24.5493, 37.6119



26.8750, 24.5493, 21.9857



21.6120, 24.5493, 18.1799

Rectangle

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



20.1174, 24.5493, 32.1120



22.5252, 24.5493, 38.8663



26.8750, 24.5493, 21.9857



24.1606, 24.5493, 17.4264

Sweetspot

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



20.1181, 24.5503, 32.1126



45.6460, 50.3345, 58.2310



17.7435, 24.8388, 15.7899



9.9950, 11.0773, 12.8962



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.



20.1181, 24.5503, 32.1126



33.7807, 42.3850, 57.3219



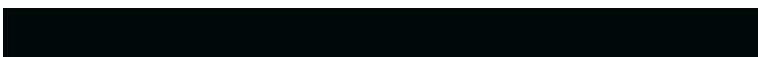
16.5644, 17.4429, 30.9280



5.9187, 6.4714, 7.4069



11.8934, 16.4817, 26.4855



0.1563, 0.2233, 0.3278

Inverse Universe

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



21.5213, 16.5883, 28.4541



36.6952, 26.2444, 49.6338



21.9855, 22.2663, 13.9662



6.0124, 5.9000, 7.1715



14.1303, 6.8572, 19.9652



0.1784, 0.0861, 0.2730

Previews

White Background



This preview shows how the XYZ color 20.1174, 24.5493, 32.1120 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 20.1174, 24.5493, 32.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

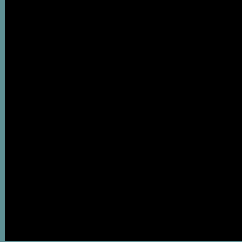
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1174, 24.5493, 32.1120

Background



This preview shows how black text looks on a background with the XYZ color 20.1174, 24.5493, 32.1120.

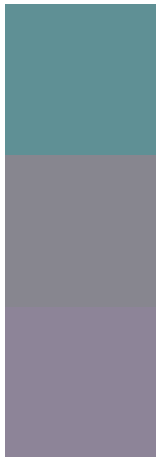


This preview shows how white text looks on a background with the XYZ color 20.1174, 24.5493,

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

20.1174, 24.5493, 32.1120

Protanopia

23.4747, 24.1843, 29.4174

Deuteranopia

24.9033, 24.4322, 33.1091



Tritanopia

20.5627, 24.4983, 34.6552

Trichromacy



Original Color

20.1174, 24.5493, 32.1120

Protanomaly

21.9450, 24.2144, 30.3053

Deuteranomaly

22.7023, 24.1278, 32.7387

Tritanomaly

20.3961, 24.4316, 33.7778

Monochromacy



Original Color

20.1174, 24.5493, 32.1120

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5154, 22.9160, 27.0089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1174, 24.5493, 32.1120 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(95, 144, 149) looks like.

```
.text, #text, p{  
    color:rgb(95, 144, 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(95, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 144, 149) }
```

Border

The CSS property to change the border of an element to XYZ 20.1174, 24.5493, 32.1120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

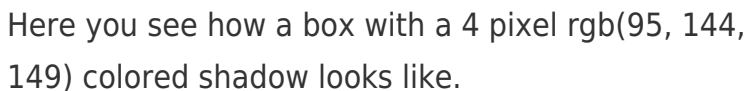
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 144, 149) }
```


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

```
.border{ border-color:rgb(95, 144, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(95, 144, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(95, 144, 149); box-shadow:4px 4px 4px 4px rgb(95, 144, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1174, 24.5493, 32.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 144, 149) }
```

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

```
.background{ background-color: rgb(95, 144,  
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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