

Converting Colors

XYZ(20.0556, 24.6222, 30.3065)

Have a look what the booklet for
XYZ(20.0556, 24.6222, 30.3065)
contains.

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Color

**XYZ(20.0139, 24.5322,
30.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	619091
RGB	97, 144, 145
RGB Percent	38%, 56%, 57%
CMY	0.6196, 0.4353, 0.4314
CMYK	0.33, 0.01, 0.00, 0.43
HSL	181°, 20%, 47%
HSV	181°, 33%, 57%
XYZ	20.0139, 24.5322, 30.4684
YIQ	130.0610, -28.3330, -9.6530

Conversions

Conversions Part 2

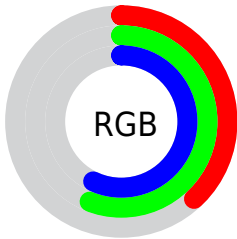
Format	Color
R _Y B	97, 121, 145
Decimal	6394001
CIE Lab	56.62, -15.54, -5.61
CIE LCh	57, 16.522, 199.865
Yxy	24.5322, 0.2668, 0.3270
Android (android.graphics.Color)	4284584081 (0xFF619091)
YUV	130.0610, 7.3649, -28.9945
Hunter-Lab	49.5300, -14.5498, -1.8013

Details

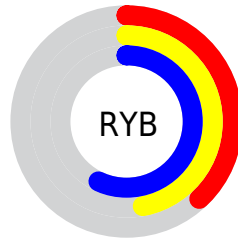
The XYZ color **20.0139, 24.5322, 30.4684** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2029, 15.6186, 13.3653**, and the grayscale version is **21.2222, 22.3274, 24.3146**.

A 20% lighter version of the original color is **42.8973, 50.9012, 61.5968**, and **7.1522, 9.2593, 12.2367** is the 20% darker color. If you saturate the color by 10%, you get **18.5625, 23.7168, 30.3879**, and if you desaturate by 10%, it is **21.7493, 25.4954, 30.5633**.

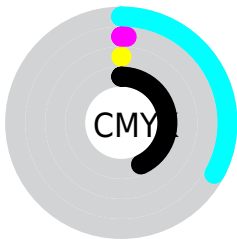
Distribution



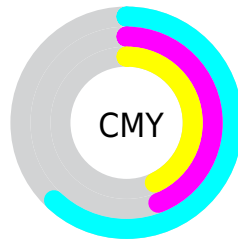
- Red (38%)
- Green (56%)
- Blue (57%)



- Red (38%)
- Yellow (47%)
- Blue (57%)



- Cyan (33%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (62%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0139, 24.5322, 30.4684 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 20.0139, 24.5322, 30.4684 by changing the saturation by 10% instead.

■ 20.0139, 24.5322,
30.4684

■ 20.0139, 24.5322,
30.4684

244.8225,
275.5002, 318.3567

■ 12.5135, 15.7289,
19.9393

■ 42.9443, 50.8973,
61.4719

■ 7.1691, 9.3325,
12.1673

■ 59.1049, 69.2278,
82.7834

■ 3.6153, 4.9587,
6.7338

■ 78.8830, 91.5029,
108.5261

■ 1.4869, 2.2230,
3.2203

■ 102.6438,
118.1070, 139.1185

■ 0.3169, 0.7325,
1.2082

130.7529,
149.4243, 174.9793

■ 0.0000, 0.0000,
0.0000

163.5754,

185.8393, 216.5269

201.4768,
227.7365, 264.1798

■ 20.0139, 24.5322,
30.4684

■ 20.0139, 24.5322,
30.4684

■ 18.5625, 23.7168,
30.3879

■ 21.7493, 25.4954,
30.5633

■ 17.3775, 23.0384,
30.3194

■ 23.7808, 26.6107,
30.6715

■ 16.4428, 22.4892,
30.2627

■ 26.1224, 27.8862,
30.7942

■ 15.7395, 22.0594,
30.2168

■ 28.7865, 29.3280,
30.9321

■ 15.2464, 21.7382,
30.1808

■ 31.7849, 30.9424,
31.0857

■ 14.9378, 21.5123,
30.1534

■ 35.1289, 32.7351,
31.2555

■ 14.7816, 21.3857,
30.1373

■ 38.8291, 34.7116,
31.4420

■ 42.8957, 36.8772,
31.6456

■ 47.3385, 39.2370,
31.8670

Harmonies

Analogous

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



19.8679, 24.5322, 24.8934



20.0139, 24.5322, 30.4684



21.0170, 24.5322, 35.6394

Triad

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



20.0139, 24.5322, 30.4684



26.2556, 24.5322, 34.1242



23.9729, 24.5322, 17.5952

Complementary

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



20.0139, 24.5322, 30.4684



18.2029, 15.6186, 13.3653

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.



25.7792, 24.5322, 19.4148



20.0139, 24.5322, 30.4684



27.1441, 24.5322, 28.6158

Square

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



20.0139, 24.5322, 30.4684



24.5945, 24.5322, 37.9426



26.9652, 24.5322, 23.2767



22.0848, 24.5322, 17.9490

Rectangle

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



20.0139, 24.5322, 30.4684



22.0690, 24.5322, 37.9211



26.9652, 24.5322, 23.2767



24.6114, 24.5322, 17.9620

Sweetspot

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



20.0146, 24.5332, 30.4690



43.7426, 48.2862, 54.9882



17.2509, 23.6708, 15.1662



9.6188, 10.6805, 12.2268



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



20.0146, 24.5332, 30.4690



33.7890, 42.7821, 54.4505



16.7818, 18.0675, 29.3914



5.5508, 6.0973, 6.9131



12.6810, 18.3480, 25.8502



0.1232, 0.1794, 0.2478

Inverse Universe

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



20.9864, 16.5835, 28.4814



35.8252, 26.2333, 50.2619



20.7703, 20.7534, 14.2211



5.6215, 5.5091, 6.7707



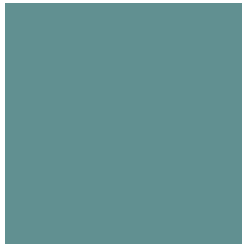
14.2039, 6.8386, 22.5227



0.1368, 0.0658, 0.2206

Previews

White Background



This preview shows how the XYZ color 20.0139, 24.5322, 30.4684 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 20.0139, 24.5322, 30.4684 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

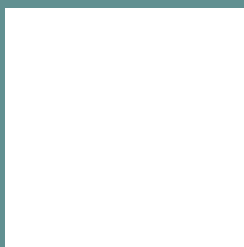
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.0139, 24.5322, 30.4684

Background



This preview shows how black text looks on a background with the XYZ color 20.0139, 24.5322, 30.4684.



This preview shows how white text looks on a background with the XYZ color 20.0139, 24.5322,

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

20.0139, 24.5322, 30.4684

Protanopia

23.4775, 24.4263, 27.9034

Deuteranopia

24.9243, 24.4803, 31.4285



Tritanopia

20.8008, 24.6307, 34.2297

Trichromacy



Original Color

20.0139, 24.5322, 30.4684

Protanomaly

21.9222, 24.2376, 28.7222

Deuteranomaly

22.6748, 24.1505, 31.0702

Tritanomaly

20.4454, 24.4760, 32.9249

Monochromacy



Original Color

20.0139, 24.5322, 30.4684

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5084, 22.9288, 26.2665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0139, 24.5322, 30.4684 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(97, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(97, 144, 145)  
}
```

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(97, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 20.0139, 24.5322, 30.4684 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(97, 144, 145) }
```


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

```
.border{ border-color:rgb(97, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(97, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0139, 24.5322, 30.4684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 144, 145) }
```

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

```
.background{ background-color: rgb(97, 144,  
145) }
```

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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