

Converting Colors

XYZ(20.1656, 24.9227, 30.8206)

Have a look what the booklet for
XYZ(20.1656, 24.9227, 30.8206)
contains.

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Color

**XYZ(20.1376, 24.8129,
30.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	609192
RGB	96, 145, 146
RGB Percent	38%, 57%, 57%
CMY	0.6235, 0.4314, 0.4274
CMYK	0.34, 0.01, 0.00, 0.43
HSL	181°, 21%, 47%
HSV	181°, 34%, 57%
XYZ	20.1376, 24.8129, 30.9221
YIQ	130.4630, -29.5250, -10.0770

Conversions

Conversions Part 2

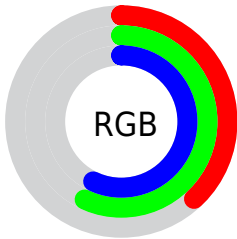
Format	Color
R_{YB}	96, 121, 146
Decimal	6328722
CIE _{Lab}	56.89, -16.12, -5.78
CIE _{LCh}	57, 17.124, 199.744
Yxy	24.8129, 0.2654, 0.3270
Android (android.graphics.Color)	4284518802 (0xFF609192)
YUV	130.4630, 7.6597, -30.2241
Hunter-Lab	49.8125, -15.0102, -1.9366

Details

The XYZ color **20.1376, 24.8129, 30.9221** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.2405, 15.5052, 13.0984**, and the grayscale version is **21.3639, 22.4765, 24.4769**.

A 20% lighter version of the original color is **43.2432, 51.4065, 62.2869**, and **7.1962, 9.4078, 12.5029** is the 20% darker color. If you saturate the color by 10%, you get **18.6976, 24.0051, 30.8425**, and if you desaturate by 10%, it is **21.8645, 25.7700, 31.0162**.

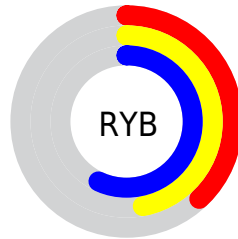
Distribution



Red (38%)

Green (57%)

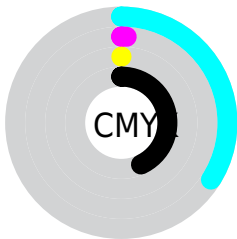
Blue (57%)



Red (38%)

Yellow (47%)

Blue (57%)

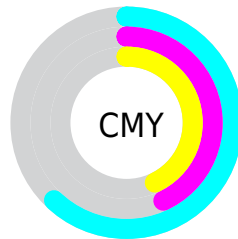


Cyan (34%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (62%)

Magenta (43%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1376, 24.8129, 30.9221 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 20.1376, 24.8129, 30.9221 by changing the saturation by 10% instead.

■ 20.1376, 24.8129,
30.9221

■ 20.1376, 24.8129,
30.9221

245.4784,
276.9049, 320.5193

■ 12.6040, 15.9377,
20.2816

■ 43.1499, 51.3535,
62.1955

■ 7.2315, 9.4801,
12.4138

■ 59.3593, 69.7878,
83.6655

■ 3.6549, 5.0556,
6.9002

■ 79.1914, 92.1771,
109.5824

■ 1.5088, 2.2799,
3.3223

■ 103.0114,
118.9060, 140.3648

■ 0.3318, 0.7631,
1.2614

131.1848,
150.3589, 176.4311

■ 0.0000, 0.0000,
0.0299

164.0768,

■ 0.0000, 0.0000,

186.9200, 218.1999

0.0000

202.0529,
228.9739, 266.0898

■ 20.1376, 24.8129,
30.9221

■ 20.1376, 24.8129,
30.9221

■ 18.6976, 24.0051,
30.8425

■ 21.8645, 25.7700,
31.0162

■ 17.5265, 23.3355,
30.7750

■ 23.8906, 26.8809,
31.1239

■ 16.6077, 22.7961,
30.7193

■ 26.2304, 28.1536,
31.2462

■ 15.9216, 22.3769,
30.6745

■ 28.8966, 29.5948,
31.3839

■ 15.4463, 22.0665,
30.6397

■ 31.9012, 31.2107,
31.5374

■ 15.1541, 21.8507,
30.6134

■ 35.2558, 33.0071,
31.7073

■ 15.0237, 21.7460,
30.6001

■ 38.9712, 34.9897,
31.8942

■ 43.0578, 37.1638,
32.0985

■ 47.5258, 39.5347,
32.3206

Harmonies

Analogous

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



19.9894, 24.8129, 25.0982



20.1376, 24.8129, 30.9221



21.1789, 24.8129, 36.3517

Triad

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



20.1376, 24.8129, 30.9221



26.6508, 24.8129, 34.7999



24.2771, 24.8129, 17.5420

Complementary

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



20.1376, 24.8129, 30.9221



18.2405, 15.5052, 13.0984

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.



26.1644, 24.8129, 19.4351



20.1376, 24.8129, 30.9221



27.5854, 24.8129, 29.0312

Square

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



20.1376, 24.8129, 30.9221



24.9107, 24.8129, 38.8010



27.4026, 24.8129, 23.4554



22.3051, 24.8129, 17.8989

Rectangle

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



20.1376, 24.8129, 30.9221



22.2740, 24.8129, 38.7581



27.4026, 24.8129, 23.4554



24.9442, 24.8129, 17.9246

Sweetspot

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



20.1383, 24.8139, 30.9227



43.7459, 48.2929, 54.9894



17.2532, 23.9050, 14.9740



9.6196, 10.6822, 12.2271



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.



20.1383, 24.8139, 30.9227



33.5536, 42.6688, 54.4410



16.7493, 18.0358, 29.7930



5.9543, 6.5426, 7.4188



13.2228, 19.1404, 26.9286



0.1644, 0.2394, 0.3304

Inverse Universe

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



21.1484, 16.5217, 28.8635



35.6190, 25.8167, 50.2066



20.9050, 20.8343, 13.9866



6.0304, 5.9072, 7.2661



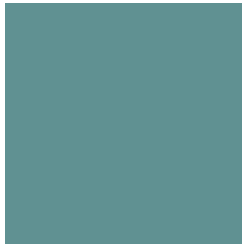
14.8013, 7.1256, 23.4986



0.1824, 0.0877, 0.2944

Previews

White Background



This preview shows how the XYZ color 20.1376, 24.8129, 30.9221 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 20.1376, 24.8129, 30.9221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

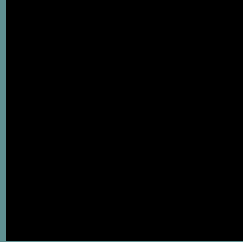
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1376, 24.8129, 30.9221

Background



This preview shows how black text looks on a background with the XYZ color 20.1376, 24.8129, 30.9221.

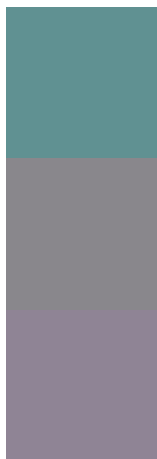


This preview shows how white text looks on a background with the XYZ color 20.1376, 24.8129,

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

20.1376, 24.8129, 30.9221

Protanopia

23.7141, 24.5398, 28.2977

Deuteranopia

25.0038, 24.5121, 31.8472



Tritanopia

20.9267, 24.9097, 34.7155

Trichromacy



Original Color

20.1376, 24.8129, 30.9221

Protanomaly

22.1411, 24.5558, 29.1640

Deuteranomaly

22.8951, 24.4651, 31.5325

Tritanomaly

20.5705, 24.7549, 33.3998

Monochromacy



Original Color

20.1376, 24.8129, 30.9221

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

20.5791, 22.9571, 26.6391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1376, 24.8129, 30.9221 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(96, 145, 146) looks like.

```
.text, #text, p{  
    color:rgb(96, 145, 146)  
}
```

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(96, 145, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 145, 146) }
```

Border

The CSS property to change the border of an element to XYZ 20.1376, 24.8129, 30.9221 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(96, 145, 146) }
```


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

```
.border{ border-color:rgb(96, 145, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 145, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 145, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 145, 146);  
box-shadow:4px 4px 4px 4px rgb(96, 145,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1376, 24.8129, 30.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 145, 146) }
```

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

```
.background{ background-color: rgb(96, 145,  
146) }
```

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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