

Converting Colors

XYZ(20.1279, 26.1113, 35.4316)

Have a look what the booklet for
XYZ(20.1279, 26.1113, 35.4316)
contains.

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Color

**XYZ(20.1279, 26.1113,
35.4316)**

Conversions

Conversions Part 1

Format	Color
Hex	4D979C
RGB	77, 151, 156
RGB Percent	30%, 59%, 61%
CMY	0.6980, 0.4078, 0.3882
CMYK	0.51, 0.03, 0.00, 0.39
HSL	184°, 34%, 46%
HSV	184°, 51%, 61%
XYZ	20.1279, 26.1113, 35.4316
YIQ	129.4440, -45.7090, -14.1330

Conversions

Conversions Part 2

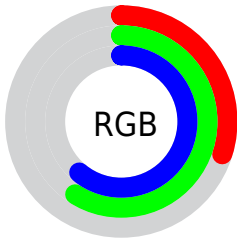
Format	Color
R_{YB}	77, 115, 156
Decimal	5085084
CIE _{Lab}	58.14, -21.55, -9.73
CIE _{LCh}	58, 23.648, 204.303
Yxy	26.1113, 0.2465, 0.3197
Android (android.graphics.Color)	4283275164 (0xFF4D979C)
YUV	129.4440, 13.0921, -45.9934
Hunter-Lab	51.0992, -19.1128, -5.3415

Details

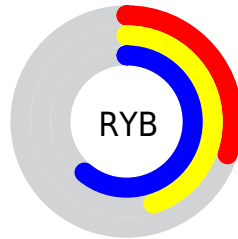
The XYZ color **20.1279, 26.1113, 35.4316** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.0676, 13.6387, 8.7020**, and the grayscale version is **20.9896, 22.0827, 24.0481**.

A 20% lighter version of the original color is **42.9799, 53.2213, 68.9802**, and **7.2586, 10.2124, 14.9532** is the 20% darker color. If you saturate the color by 10%, you get **18.8590, 25.2229, 35.3275**, and if you desaturate by 10%, it is **21.7015, 27.1600, 35.5515**.

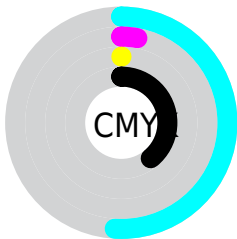
Distribution



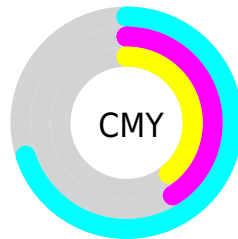
- Red (30%)
- Green (59%)
- Blue (61%)



- Red (30%)
- Yellow (45%)
- Blue (61%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (70%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1279, 26.1113, 35.4316 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 20.1279, 26.1113, 35.4316 by changing the saturation by 10% instead.

■ 20.1279, 26.1113,
35.4316

■ 20.1279, 26.1113,
35.4316

245.4271,
283.3280, 341.4313

■ 12.5969, 16.9069,
23.7093

■ 43.1338, 53.4544,
69.3130

■ 7.2266, 10.1682,
14.9079

■ 59.3394, 72.3620,
92.3092

■ 3.6518, 5.5106,
8.6089

■ 79.1672, 95.2727,
119.9004

■ 1.5071, 2.5498,
4.3937

■ 102.9826,
122.5711, 152.5052

■ 0.3307, 0.9015,
1.8437

■ 131.1509,
154.6414, 190.5422

■ 0.0000, 0.0000,
0.4565

164.0375,

■ 0.0000, 0.0000,

191.8680, 234.4298

0.0000

202.0078,
234.6354, 284.5867

■ 20.1279, 26.1113,
35.4316

■ 20.1279, 26.1113,
35.4316

■ 18.8590, 25.2229,
35.3275

■ 21.7015, 27.1600,
35.5515

■ 17.8706, 24.4805,
35.2363

■ 23.5974, 28.3761,
35.6864

■ 17.1386, 23.8722,
35.1574

■ 25.8343, 29.7700,
35.8375

■ 16.6336, 23.3829,
35.0896

■ 28.4290, 31.3504,
36.0058

■ 16.2998, 22.9983,
35.0330

■ 31.3972, 33.1254,
36.1920

■ 34.7535, 35.1024,
36.3967

■ 38.5120, 37.2887,
36.6206

■ 42.6857, 39.6911,
36.8643

■ 47.2875, 42.3162,
37.1285

Harmonies

Analogous

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



19.7296, 26.1113, 26.8932



20.1279, 26.1113, 35.4316



21.7401, 26.1113, 43.2662

Triad

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



20.1279, 26.1113, 35.4316



29.5665, 26.1113, 38.6669



25.3689, 26.1113, 15.4431

Complementary

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



20.1279, 26.1113, 35.4316



18.0676, 13.6387, 8.7020

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.



28.1735, 26.1113, 17.4456



20.1279, 26.1113, 35.4316



30.7137, 26.1113, 30.0259

Square

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



20.1279, 26.1113, 35.4316



27.1552, 26.1113, 45.3716



30.1854, 26.1113, 22.4188



22.6189, 26.1113, 16.3389

Rectangle

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



20.1279, 26.1113, 35.4316



23.3571, 26.1113, 46.4866



30.1854, 26.1113, 22.4188



26.3386, 26.1113, 15.7854

Sweetspot

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



20.1287, 26.1123, 35.4322



49.3568, 55.5606, 65.2496



16.4329, 25.9486, 11.9178



10.6603, 12.1035, 14.3447



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.



20.1287, 26.1123, 35.4322



33.9388, 45.5829, 64.1364



14.9170, 15.6888, 33.6950



6.7859, 7.4376, 8.4846



13.4354, 18.9623, 28.8592



0.2499, 0.3584, 0.5192

Inverse Universe

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



21.9507, 14.6107, 30.9425



37.7166, 22.5017, 54.6554



21.8211, 21.1458, 9.9532



6.8860, 6.7473, 8.2509



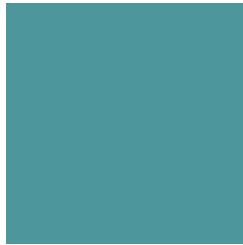
15.5798, 7.5365, 23.1018



0.2835, 0.1367, 0.4388

Previews

White Background



This preview shows how the XYZ color 20.1279, 26.1113, 35.4316 looks on a white background.

Color Contrast Check

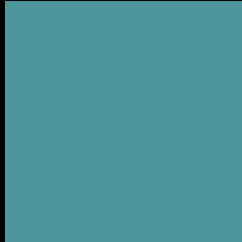
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.1279, 26.1113, 35.4316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

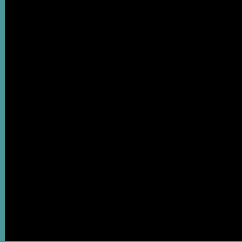
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.1279, 26.1113, 35.4316

Background



This preview shows how black text looks on a background with the XYZ color 20.1279, 26.1113, 35.4316.

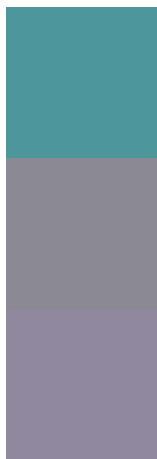


This preview shows how white text looks on a background with the XYZ color 20.1279, 26.1113,

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

20.1279, 26.1113, 35.4316

Protanopia

25.0812, 25.8040, 31.6757

Deuteranopia

26.3899, 25.9512, 36.4191



Tritanopia

20.6524, 26.0836, 38.1286

Trichromacy



Original Color

20.1279, 26.1113, 35.4316

Protanomaly

22.6108, 25.5923, 33.0262

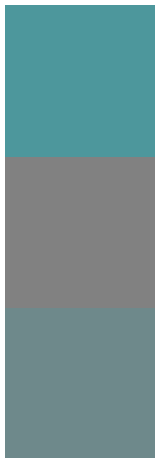
Deuteranomaly

23.3042, 25.4403, 36.0300

Tritanomaly

20.3934, 25.9705, 37.1957

Monochromacy



Original Color

20.1279, 26.1113, 35.4316

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

20.0363, 23.0704, 27.8231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1279, 26.1113, 35.4316 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(77, 151, 156)` looks like.

```
.text, #text, p{  
    color:rgb(77, 151, 156)  
}
```

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(77, 151, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 151, 156) }
```

Border

The CSS property to change the border of an element to XYZ 20.1279, 26.1113, 35.4316 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(77, 151, 156) }
```


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

```
.border{ border-color:rgb(77, 151, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 151, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 151, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 151, 156);  
box-shadow:4px 4px 4px 4px rgb(77, 151,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1279, 26.1113, 35.4316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 151, 156) }
```

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

```
.background{ background-color: rgb(77, 151,  
156) }
```

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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