

Converting Colors

XYZ(20.7108, 28.0615, 32.5259)

Have a look what the booklet for
XYZ(20.7108, 28.0615, 32.5259)
contains.

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Color

**XYZ(20.6267, 27.9143,
32.3178)**

Conversions

Conversions Part 1

Format	Color
Hex	4F9D94
RGB	79, 157, 148
RGB Percent	31%, 62%, 58%
CMY	0.6902, 0.3843, 0.4196
CMYK	0.50, 0.00, 0.06, 0.38
HSL	173°, 33%, 46%
HSV	173°, 50%, 62%
XYZ	20.6267, 27.9143, 32.3178
YIQ	132.6520, -43.5990, -19.3350

Conversions

Conversions Part 2

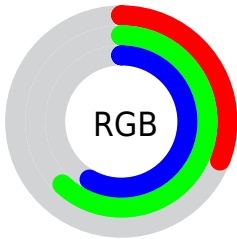
Format	Color
RYB	79, 120, 157
Decimal	5217684
CIELab	59.81, -26.30, -2.70
CIElCh	60, 26.441, 185.864
Yxy	27.9143, 0.2551, 0.3452
Android (android.graphics.Color)	4283407764 (0xFF4F9D94)
YUV	132.6520, 7.5666, -47.0528
Hunter-Lab	52.8340, -22.7720, 0.7169

Details

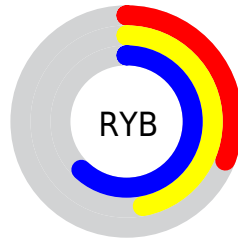
The XYZ color **20.6267, 27.9143, 32.3178** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **18.4630, 13.4654, 10.8595**, and the grayscale version is **22.1533, 23.3070, 25.3813**.

A 20% lighter version of the original color is **44.0357, 56.4196, 64.4463**, and **7.4404, 11.0854, 13.0568** is the 20% darker color. If you saturate the color by 10%, you get **19.3298, 27.2628, 31.5148**, and if you desaturate by 10%, it is **22.2359, 28.7279, 33.1483**.

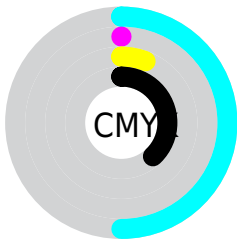
Distribution



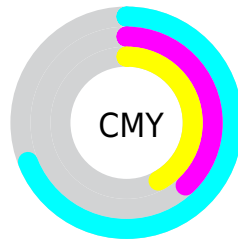
- Red (31%)
- Green (62%)
- Blue (58%)



- Red (31%)
- Yellow (47%)
- Blue (62%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6267, 27.9143, 32.3178 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 20.6267, 27.9143, 32.3178 by changing the saturation by 10% instead.

■ 20.6267, 27.9143,
32.3178

■ 20.6267, 27.9143,
32.3178

■ 248.0573,
292.0572, 327.1016

■ 12.9623, 18.2611,
21.3375

■ 43.9614, 56.3476,
64.4127

■ 7.4794, 11.1376,
13.1773

■ 60.3624, 75.8964,
86.3643

■ 3.8127, 6.1595,
7.4186

■ 80.4064, 99.5126,
112.8102

■ 1.5967, 2.9423,
3.6428

■ 104.4586,
127.5805, 144.1688

■ 0.3903, 1.1017,
1.4315

■ 132.8844,
160.4845, 180.8587

■ 0.0000, 0.0000,
0.1661

166.0493,

■ 0.0000, 0.0000,

198.6090, 223.2985

0.0000

204.3185,
242.3385, 271.9066

■ 20.6267, 27.9143,
32.3178

■ 20.6267, 27.9143,
32.3178

■ 19.3298, 27.2628,
31.5148

■ 22.2359, 28.7279,
33.1483

■ 18.3206, 26.7588,
30.7364

■ 24.1750, 29.7105,
34.0055

■ 17.5751, 26.3904,
29.9819


■ 26.4629, 30.8727,
34.8908


■ 17.0640, 26.1425,
29.2499


■ 29.1165, 32.2232,
35.8051


■ 16.7196, 25.9805,
28.5372


■ 32.1517, 33.7702,
36.7491

 16.7091, 25.9755,
28.5147

 35.5832, 35.5212,
37.7237

 39.4253, 37.4836,
38.7296

 43.6913, 39.6642,
39.7673

 48.3939, 42.0697,
40.8377

Harmonies

Analogous

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



21.0775, 27.9143, 23.4583



20.6267, 27.9143, 32.3178



21.6470, 27.9143, 42.5318

Triad

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



20.6267, 27.9143, 32.3178



30.4868, 27.9143, 47.9267



29.2533, 27.9143, 16.4773

Complementary

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



20.6267, 27.9143, 32.3178



18.4630, 13.4654, 10.8595

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.



32.1009, 27.9143, 20.8175



20.6267, 27.9143, 32.3178



32.8540, 27.9143, 38.5773

Square

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



20.6267, 27.9143, 32.3178



27.1952, 27.9143, 52.6828



33.4681, 27.9143, 28.5480



25.8791, 27.9143, 15.4898

Rectangle

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



20.6267, 27.9143, 32.3178



23.0792, 27.9143, 48.3604



33.4681, 27.9143, 28.5480



30.3125, 27.9143, 17.5402

Sweetspot

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



20.6275, 27.9154, 32.3185



49.3952, 56.3077, 63.1962



17.5031, 26.7591, 11.6402



10.6699, 12.2888, 13.8361



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.



20.6275, 27.9154, 32.3185



34.3184, 48.6739, 56.2295



16.9134, 19.3021, 34.7337



6.7889, 7.4963, 8.3228



13.5791, 21.0996, 23.2041



0.2512, 0.3806, 0.4593

Inverse Universe

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



18.4630, 13.4654, 10.8595



29.9878, 19.6513, 13.2128



20.7748, 18.6495, 9.9025



6.6627, 6.6580, 7.0747



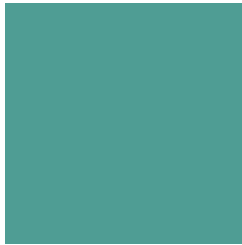
11.3903, 5.8607, 1.0401



0.2116, 0.1080, 0.0604

Previews

White Background



This preview shows how the XYZ color 20.6267, 27.9143, 32.3178 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 20.6267, 27.9143, 32.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

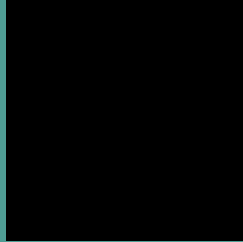
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.6267, 27.9143, 32.3178

Background



This preview shows how black text looks on a background with the XYZ color 20.6267, 27.9143, 32.3178.

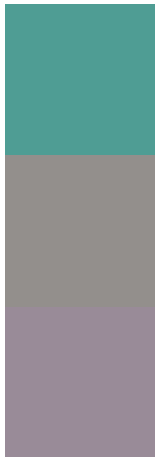


This preview shows how white text looks on a background with the XYZ color 20.6267, 27.9143,

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

20.6267, 27.9143, 32.3178

Protanopia

26.5887, 27.7414, 28.7642

Deuteranopia

28.0370, 27.5045, 33.5370



Tritanopia

22.2770, 27.8325, 40.7573

Trichromacy



Original Color

20.6267, 27.9143, 32.3178

Protanomaly

23.5739, 27.3006, 30.0137

Deuteranomaly

24.4690, 27.2278, 33.2440

Tritanomaly

21.6338, 27.8198, 37.4872

Monochromacy



Original Color

20.6267, 27.9143, 32.3178

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.0705, 24.6917, 27.7002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6267, 27.9143, 32.3178 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(79, 157, 148)` looks like.

```
.text, #text, p{  
    color:rgb(79, 157, 148)  
}
```

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(79, 157, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 157, 148) }
```

Border

The CSS property to change the border of an element to XYZ 20.6267, 27.9143, 32.3178 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(79, 157, 148) }
```


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

```
.border{ border-color:rgb(79, 157, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 157, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 157, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 157, 148);  
box-shadow:4px 4px 4px 4px rgb(79, 157,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6267, 27.9143, 32.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 157, 148) }
```

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

```
.background{ background-color: rgb(79, 157,  
148) }
```

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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