

Converting Colors

XYZ(22.7589, 29.2565, 34.0331)

Have a look what the booklet for
XYZ(22.7589, 29.2565, 34.0331)
contains.

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Color

**XYZ(22.7182, 29.2075,
34.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	609E98
RGB	96, 158, 152
RGB Percent	38%, 62%, 60%
CMY	0.6235, 0.3804, 0.4039
CMYK	0.39, 0.00, 0.04, 0.38
HSL	174°, 24%, 50%
HSV	174°, 39%, 62%
XYZ	22.7182, 29.2075, 34.1460
YIQ	138.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

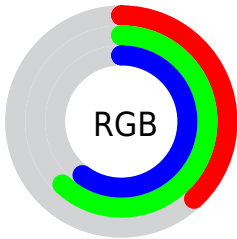
Format	Color
R_{YB}	96, 129, 158
Decimal	6332056
CIE _{Lab}	60.96, -21.44, -3.18
CIE _{LCh}	61, 21.678, 188.444
Yxy	29.2075, 0.2639, 0.3393
Android (android.graphics.Color)	4284522136 (0xFF609E98)
YUV	138.7780, 6.5184, -37.5163
Hunter-Lab	54.0440, -19.5418, 0.3702

Details

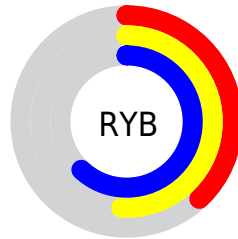
The XYZ color **22.7182, 29.2075, 34.1460** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6827, 16.5949, 14.6844**, and the grayscale version is **24.4413, 25.7141, 28.0027**.

A 20% lighter version of the original color is **47.3293, 58.4343, 67.1769**, and **8.4993, 11.7612, 14.1341** is the 20% darker color. If you saturate the color by 10%, you get **21.0958, 28.3862, 33.4209**, and if you desaturate by 10%, it is **24.6781, 30.2040, 34.8966**.

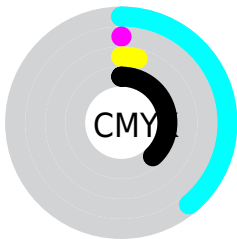
Distribution



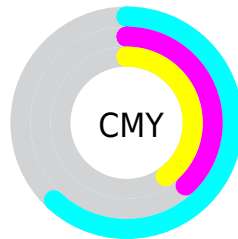
- Red (38%)
- Green (62%)
- Blue (60%)



- Red (38%)
- Yellow (51%)
- Blue (62%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (62%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.7182, 29.2075, 34.1460 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 22.7182, 29.2075, 34.1460 by changing the saturation by 10% instead.

■ 22.7182, 29.2075,
34.1460

■ 22.7182, 29.2075,
34.1460

■ 258.8367,
298.1927, 335.5716

■ 14.5051, 19.2378,
22.7275

■ 47.4003, 58.4066,
67.2971

■ 8.5569, 11.8423,
14.1890

■ 64.6000, 78.4048,
89.8669

■ 4.5081, 6.6364,
8.1120

■ 85.5259, 102.5147,
116.9908

■ 1.9934, 3.2357,
4.0779

■ 110.5434,
131.1207, 149.0874

■ 0.6302, 1.2560,
1.6682

■ 140.0179,
164.6070, 186.5752

■ 0.0000, 0.1068,
0.3388

■ 174.3148,

■ 0.0000, 0.0000,

203.3582, 229.8728

0.0000

213.7992,
247.7587, 279.3988

■ 22.7182, 29.2075,
34.1460

■ 22.7182, 29.2075,
34.1460

■ 21.0958, 28.3862,
33.4209

■ 24.6781, 30.2040,
34.8966

■ 19.7881, 27.7263,
32.7183

■ 26.9913, 31.3817,
35.6715

■ 18.7737, 27.2174,
32.0379

■ 29.6758, 32.7507,
36.4723

■ 18.0274, 26.8465,
31.3783

■ 32.7476, 34.3192,
37.2998

■ 17.5197, 26.5983,
30.7381

■ 36.2218, 36.0949,
38.1547

■ 17.1870, 26.4403,
30.1145

■ 40.1127, 38.0852,
39.0376

■ 17.1632, 26.4290,
30.0675

■ 44.4337, 40.2970,
39.9493

■ 49.1979, 42.7372,
40.8904

■ 54.4176, 45.4119,
41.8615

Harmonies

Analogous

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



23.0008, 29.2075, 26.4125



22.7182, 29.2075, 34.1460



23.7129, 29.2075, 42.5100

Triad

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



22.7182, 29.2075, 34.1460



31.2838, 29.2075, 45.6375



29.8087, 29.2075, 19.3972

Complementary

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



22.7182, 29.2075, 34.1460



20.6827, 16.5949, 14.6844

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.



32.2451, 29.2075, 23.0625



22.7182, 29.2075, 34.1460



33.1362, 29.2075, 37.8789

Square

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



22.7182, 29.2075, 34.1460



28.5677, 29.2075, 49.8442



33.4994, 29.2075, 29.5678



26.9694, 29.2075, 18.7422

Rectangle

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



22.7182, 29.2075, 34.1460



25.0091, 29.2075, 47.0177



33.4994, 29.2075, 29.5678



30.7074, 29.2075, 20.2839

Sweetspot

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



22.7190, 29.2087, 34.1467



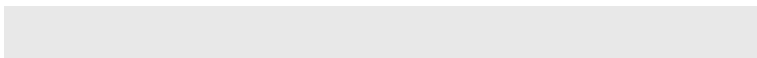
52.3568, 58.6911, 65.7906



19.8412, 28.1359, 15.4519



11.6687, 13.1630, 14.7927



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



22.7190, 29.2087, 34.1467



38.6643, 51.7273, 60.8616



19.4112, 21.7862, 35.5311



6.7942, 7.4984, 8.3506



13.7534, 21.1693, 24.1220



0.2531, 0.3814, 0.4693

Inverse Universe

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



20.6827, 16.5949, 14.6844



34.4475, 25.5676, 20.5309



23.0259, 21.7408, 14.0497



6.6579, 6.6561, 7.0494



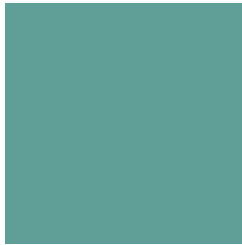
11.3712, 5.8530, 0.9396



0.2100, 0.1073, 0.0522

Previews

White Background



This preview shows how the XYZ color 22.7182, 29.2075, 34.1460 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 22.7182, 29.2075, 34.1460 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

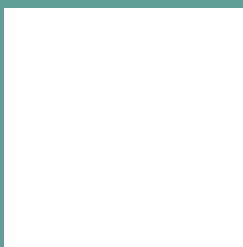
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.7182, 29.2075, 34.1460

Background



This preview shows how black text looks on a background with the XYZ color 22.7182, 29.2075, 34.1460.

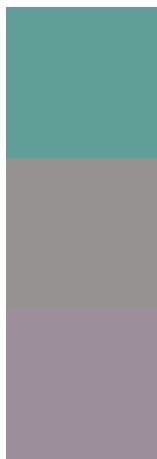


This preview shows how white text looks on a background with the XYZ color 22.7182, 29.2075,

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

22.7182, 29.2075, 34.1460

Protanopia

27.7841, 28.9917, 30.9196

Deuteranopia

29.4940, 28.8807, 35.0304



Tritanopia

24.2119, 29.3134, 41.4277

Trichromacy



Original Color

22.7182, 29.2075, 34.1460

Protanomaly

25.4576, 28.6966, 32.2142

Deuteranomaly

26.4143, 28.6638, 34.7123

Tritanomaly

23.7241, 29.3752, 38.6020

Monochromacy



Original Color

22.7182, 29.2075, 34.1460

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

23.4813, 26.7823, 30.3175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.7182, 29.2075, 34.1460 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, 158, 152) looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 152)  
}
```

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, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 152) }
```

Border

The CSS property to change the border of an element to XYZ 22.7182, 29.2075, 34.1460 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, 158, 152) }
```


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

```
.border{ border-color:rgb(96, 158, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 158, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 152);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 22.7182, 29.2075, 34.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 152) }
```

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

```
.background{ background-color: rgb(96, 158,  
152) }
```

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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