

Converting Colors

XYZ(22.1127, 26.9338, 44.5907)

Have a look what the booklet for
XYZ(22.1127, 26.9338, 44.5907)
contains.

XYZ(22.1127, 26.9338, 44.5907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.1127, 26.9338,
44.5907)**

Conversions

Conversions Part 1

Format	Color
Hex	5097AF
RGB	80, 151, 175
RGB Percent	31%, 59%, 69%
CMY	0.6863, 0.4078, 0.3137
CMYK	0.54, 0.14, 0.00, 0.31
HSL	195°, 37%, 50%
HSV	195°, 54%, 69%
XYZ	22.1127, 26.9338, 44.5907
YIQ	132.5070, -50.0200, -7.5880

Conversions

Conversions Part 2

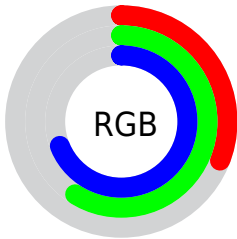
Format	Color
R_{YB}	80, 121, 175
Decimal	5281711
CIE _{Lab}	58.91, -15.38, -19.36
CIE _{LCh}	59, 24.729, 231.534
Yxy	26.9338, 0.2362, 0.2876
Android (android.graphics.Color)	4283471791 (0xFF5097AF)
YUV	132.5070, 20.9490, -46.0486
Hunter-Lab	51.8978, -14.7655, -14.6137

Details

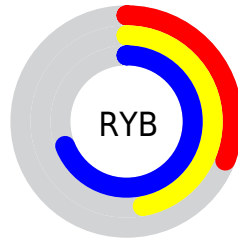
The XYZ color **22.1127, 26.9338, 44.5907** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.0781, 19.5945, 10.1033**, and the grayscale version is **22.0556, 23.2042, 25.2694**.

A 20% lighter version of the original color is **46.4085, 54.6664, 83.7070**, and **8.2080, 10.5906, 20.0239** is the 20% darker color. If you saturate the color by 10%, you get **20.1251, 24.8732, 44.2982**, and if you desaturate by 10%, it is **24.5136, 29.2482, 44.9114**.

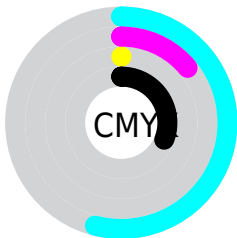
Distribution



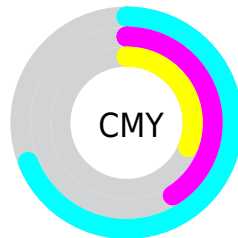
- Red (31%)
- Green (59%)
- Blue (69%)



- Red (31%)
- Yellow (47%)
- Blue (69%)



- Cyan (54%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (69%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1127, 26.9338, 44.5907 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 22.1127, 26.9338, 44.5907 by changing the saturation by 10% instead.

■ 22.1127, 26.9338,
44.5907

■ 22.1127, 26.9338,
44.5907

255.7556,
287.3365, 381.2250

■ 14.0568, 17.5235,
30.7946

■ 46.4097, 54.7776,
83.4178

■ 8.2421, 10.6084,
20.1853

■ 63.3814, 73.9799,
109.2858

■ 4.3034, 5.8042,
12.3444

■ 84.0559, 97.2151,
140.0149

■ 1.8752, 2.7264,
6.8533

■ 108.7983,
124.8674, 176.0236

■ 0.5623, 0.9906,
3.2935

■ 137.9742,
157.3213, 217.7304

■ 0.0000, 0.0000,
1.2464

171.9488,

■ 0.0000, 0.0000,

194.9612, 265.5539

0.0172

211.0874,
238.1714, 319.9126

■ 0.0000, 0.0000,
0.0000

■ 22.1127, 26.9338,
44.5907

■ 22.1127, 26.9338,
44.5907

■ 20.1251, 24.8732,
44.2982

■ 24.5136, 29.2482,
44.9114

■ 18.5172, 23.0469,
44.0305

■ 27.3526, 31.8280,
45.2597

■ 17.2545, 21.4374,
43.7863

■ 30.6558, 34.6875,
45.6375

■ 16.2944, 20.0221,
43.5638

■ 34.4461, 37.8390,
46.0461

■ 15.8262, 19.2717,
43.4436

■ 38.7453, 41.2940,
46.4864

■ 43.5734, 45.0634,
46.9595

■ 48.9495, 49.1574,
47.4663

■ 54.8916, 53.5856,
48.0079

■ 61.4172, 58.3573,
48.5850

Harmonies

Analogous

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



20.5093, 26.9338, 35.9536



22.1127, 26.9338, 44.5907



24.7436, 26.9338, 49.3411

Triad

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



22.1127, 26.9338, 44.5907



31.8689, 26.9338, 31.8768



23.5011, 26.9338, 16.2827

Complementary

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



22.1127, 26.9338, 44.5907



24.0781, 19.5945, 10.1033

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.



26.4755, 26.9338, 15.6216



22.1127, 26.9338, 44.5907



31.4697, 26.9338, 23.5680

Square

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



22.1127, 26.9338, 44.5907



30.4865, 26.9338, 41.1017



29.4354, 26.9338, 18.0160



21.2653, 26.9338, 20.0467

Rectangle

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



22.1127, 26.9338, 44.5907



26.7939, 26.9338, 49.1199



29.4354, 26.9338, 18.0160



24.4417, 26.9338, 15.7247

Sweetspot

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



22.1136, 26.9348, 44.5913



60.2667, 66.5998, 82.3155



21.1250, 33.3604, 18.3569



13.0835, 14.5455, 18.2623



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



22.1136, 26.9348, 44.5913



35.4637, 43.9140, 79.2440



15.9721, 14.6519, 42.5442



8.0624, 8.7243, 10.2117



11.3845, 13.9028, 31.1280



0.3570, 0.4673, 0.8794

Inverse Universe

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



26.1345, 17.0865, 31.1997



43.7497, 25.6812, 51.1850



30.2347, 31.9077, 12.1555



8.2493, 8.1130, 9.6237



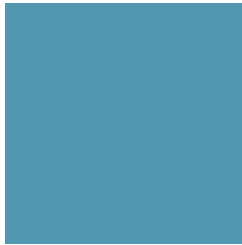
15.6100, 7.7065, 16.1235



0.4546, 0.2225, 0.5556

Previews

White Background



This preview shows how the XYZ color 22.1127, 26.9338, 44.5907 looks on a white background.

Color Contrast Check

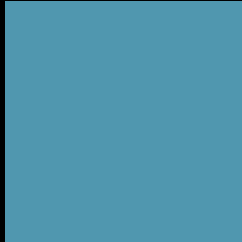
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1127, 26.9338, 44.5907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

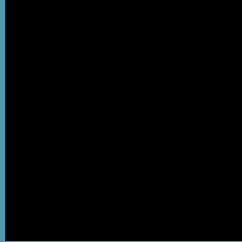
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.1127, 26.9338, 44.5907

Background



This preview shows how black text looks on a background with the XYZ color 22.1127, 26.9338, 44.5907.



This preview shows how white text looks on a background with the XYZ color 22.1127, 26.9338,

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

22.1127, 26.9338, 44.5907

Protanopia

26.3448, 26.6971, 40.3237

Deuteranopia

27.2777, 26.6256, 45.8210



Tritanopia

21.1633, 27.0356, 39.7003

Trichromacy



Original Color

22.1127, 26.9338, 44.5907

Protanomaly

24.2992, 26.4936, 41.8633

Deuteranomaly

24.9607, 26.5322, 45.4006

Tritanomaly

21.4502, 26.8988, 41.5976

Monochromacy



Original Color

22.1127, 26.9338, 44.5907

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.6628, 24.4717, 31.5987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1127, 26.9338, 44.5907 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(80, 151, 175)` looks like.

```
.text, #text, p{  
    color:rgb(80, 151, 175)  
}
```

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(80, 151, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 151, 175) }
```

Border

The CSS property to change the border of an element to XYZ 22.1127, 26.9338, 44.5907 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(80, 151, 175) }
```


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

```
.border{ border-color:rgb(80, 151, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 151, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 151, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 151, 175);  
box-shadow:4px 4px 4px 4px rgb(80, 151,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1127, 26.9338, 44.5907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 151, 175) }
```

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

```
.background{ background-color: rgb(80, 151,  
175) }
```

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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