

Converting Colors

XYZ(22.4339, 25.6846, 62.1334)

Have a look what the booklet for
XYZ(22.4339, 25.6846, 62.1334)
contains.

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Color

**XYZ(22.4887, 25.7951,
62.1862)**

Conversions

Conversions Part 1

Format	Color
Hex	2993CE
RGB	41, 147, 206
RGB Percent	16%, 58%, 81%
CMY	0.8392, 0.4235, 0.1922
CMYK	0.80, 0.29, 0.00, 0.19
HSL	201°, 67%, 48%
HSV	201°, 80%, 81%
XYZ	22.4887, 25.7951, 62.1862
YIQ	122.0320, -82.1150, -4.1230

Conversions

Conversions Part 2

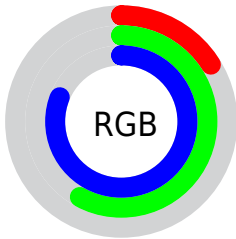
Format	Color
R_{YB}	41, 106, 206
Decimal	2724814
CIE _{Lab}	57.84, -9.03, -38.62
CIE _{LCh}	58, 39.665, 256.836
Yxy	25.7951, 0.2036, 0.2335
Android (android.graphics.Color)	4280914894 (0xFF2993CE)
YUV	122.0320, 41.3962, -71.0651
Hunter-Lab	50.7889, -9.8429, -37.0428

Details

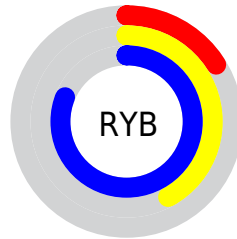
The XYZ color **22.4887, 25.7951, 62.1862** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark muted azure. A complement of this color would be **30.4126, 22.3987, 4.8194**, and the grayscale version is **18.3990, 19.3572, 21.0800**.

A 20% lighter version of the original color is **45.7467, 52.5040, 102.3309**, and **9.8606, 10.7838, 30.8399** is the 20% darker color. If you saturate the color by 10%, you get **20.7625, 23.2591, 61.7882**, and if you desaturate by 10%, it is **24.7196, 28.7009, 62.6300**.

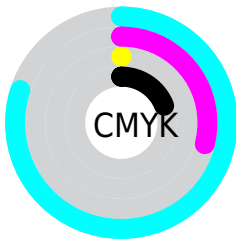
Distribution



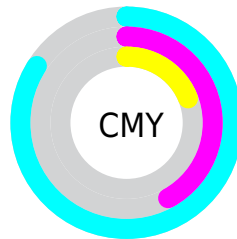
- Red (16%)
- Green (58%)
- Blue (81%)



- Red (16%)
- Yellow (42%)
- Blue (81%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (42%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4887, 25.7951, 62.1862 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 22.4887, 25.7951, 62.1862 by changing the saturation by 10% instead.

■ 22.4887, 25.7951,
62.1862

■ 22.4887, 25.7951,
62.1862

257.6725,
281.7748, 450.6363

■ 14.3350, 16.6704,
44.7464

■ 47.0253, 52.9442,
109.5688

■ 8.4373, 9.9998,
30.9162

■ 64.1389, 71.7374,
140.3487

■ 4.4302, 5.3988,
20.2771

■ 84.9698, 94.5223,
176.4124

■ 1.9483, 2.4831,
12.4106

■ 109.8835,
121.6831, 218.1784

■ 0.6047, 0.8682,
6.8980

■ 139.2453,
153.6044, 266.0652

■ 0.0000, 0.0000,
3.3209

173.4205,

■ 0.0000, 0.0000,

190.6705, 320.4915

1.2607

212.7744,
233.2659, 381.8757

■ 0.0000, 0.0000,
0.0293

■ 0.0000, 0.0000,
0.0000

■ 22.4887, 25.7951,
62.1862

■ 22.4887, 25.7951,
62.1862

■ 20.7625, 23.2591,
61.7882

■ 24.7196, 28.7009,
62.6300

■ 19.4376, 21.0501,
61.4317

■ 27.5126, 32.0070,
63.1210

■ 30.9196, 35.7424,
63.6624

■ 34.9855, 39.9322,
64.2568

■ 39.7507, 44.5989,
64.9064

■ 45.2520, 49.7634,
65.6133

■ 51.5238, 55.4451,
66.3795

■ 58.5979, 61.6621,
67.2066

■ 66.5044, 68.4317,
68.0965

Harmonies

Analogous

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



18.7664, 25.7951, 51.9148



22.4887, 25.7951, 62.1862



27.2693, 25.7951, 61.4495

Triad

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



22.4887, 25.7951, 62.1862



34.3787, 25.7951, 21.1487



18.4210, 25.7951, 13.6839

Complementary

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



22.4887, 25.7951, 62.1862



30.4126, 22.3987, 4.8194

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.



21.9573, 25.7951, 9.7083



22.4887, 25.7951, 62.1862



31.3376, 25.7951, 12.9605

Square

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



22.4887, 25.7951, 62.1862



34.5696, 25.7951, 34.4990



26.6647, 25.7951, 9.4955



16.6315, 25.7951, 22.5223

Rectangle

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



22.4887, 25.7951, 62.1862



30.4336, 25.7951, 54.7709



26.6647, 25.7951, 9.4955



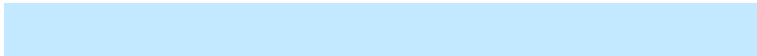
19.4225, 25.7951, 11.8798

Sweetspot

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



22.4896, 25.7960, 62.1869



69.4184, 77.0059, 105.8126



25.2271, 45.5109, 19.1988



14.1799, 15.8429, 22.5606



0.0000, 0.0000, 0.0000



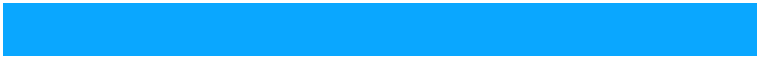
20.3446, 21.4041, 23.3091

Same Dimension

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



22.4896, 25.7960, 62.1869



32.0809, 35.0924, 99.6904



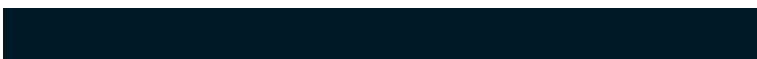
13.9899, 8.7965, 59.3536



11.1927, 12.0258, 14.3017



12.0635, 13.1510, 37.8589



0.6925, 0.8187, 1.9765

Inverse Universe

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



31.5138, 16.8153, 29.1892



48.3684, 24.2885, 38.9218



42.4296, 46.4327, 8.8251



11.5106, 11.3330, 13.2235



18.3000, 9.1306, 14.5644



0.9795, 0.4852, 0.9377

Previews

White Background



This preview shows how the XYZ color 22.4887, 25.7951, 62.1862 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 22.4887, 25.7951, 62.1862 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

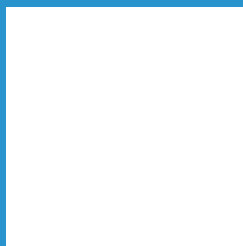
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4887, 25.7951, 62.1862

Background



This preview shows how black text looks on a background with the XYZ color 22.4887, 25.7951, 62.1862.



This preview shows how white text looks on a background with the XYZ color 22.4887, 25.7951,

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

22.4887, 25.7951, 62.1862

Protanopia

26.4900, 25.5615, 56.3610

Deuteranopia

26.2993, 25.7343, 63.2556



Tritanopia

18.3471, 25.8278, 39.6156

Trichromacy



Original Color

22.4887, 25.7951, 62.1862

Protanomaly

24.1178, 25.1504, 58.2270

Deuteranomaly

24.2670, 25.3486, 62.6452

Tritanomaly

19.5018, 25.5301, 47.0800

Monochromacy



Original Color

22.4887, 25.7951, 62.1862

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

18.3803, 20.8597, 33.1946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4887, 25.7951, 62.1862 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(41, 147, 206)` looks like.

```
.text, #text, p{  
    color:rgb(41, 147, 206)  
}
```

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(41, 147, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 147, 206) }
```

Border

The CSS property to change the border of an element to XYZ 22.4887, 25.7951, 62.1862 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(41, 147, 206) }
```


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

```
.border{ border-color:rgb(41, 147, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 147, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 147, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 147, 206);  
box-shadow:4px 4px 4px 4px rgb(41, 147,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4887, 25.7951, 62.1862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 147, 206) }
```

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

```
.background{ background-color: rgb(41, 147,  
206) }
```

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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