

Converting Colors

XYZ(24.2092, 27.3749, 43.6066)

Have a look what the booklet for
XYZ(24.2092, 27.3749, 43.6066)
contains.

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Color

**XYZ(24.1961, 27.3227,
43.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	6B94AD
RGB	107, 148, 173
RGB Percent	42%, 58%, 68%
CMY	0.5804, 0.4196, 0.3216
CMYK	0.38, 0.14, 0.00, 0.32
HSL	203°, 29%, 55%
HSV	203°, 38%, 68%
XYZ	24.1961, 27.3227, 43.5337
YIQ	138.5910, -32.4610, -0.9170

Conversions

Conversions Part 2

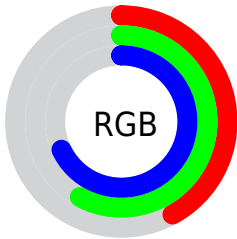
Format	Color
RYB	107, 132, 173
Decimal	7050413
CIELab	59.27, -7.56, -17.56
CIElCh	59, 19.118, 246.708
Yxy	27.3227, 0.2546, 0.2874
Android (android.graphics.Color)	4285240493 (0xFF6B94AD)
YUV	138.5910, 16.9636, -27.7053
Hunter-Lab	52.2711, -8.8475, -12.7895

Details

The XYZ color **24.1961, 27.3227, 43.5337** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **28.1392, 26.4488, 17.5327**, and the grayscale version is **24.3301, 25.5971, 27.8753**.

A 20% lighter version of the original color is **49.8221, 55.4196, 81.4699**, and **9.3014, 10.7421, 19.6724** is the 20% darker color. If you saturate the color by 10%, you get **21.3218, 24.3586, 43.1135**, and if you desaturate by 10%, it is **27.5464, 30.6198, 43.9940**.

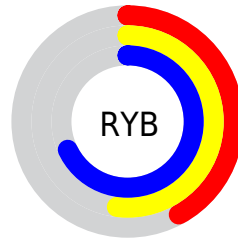
Distribution



Red (42%)

Green (58%)

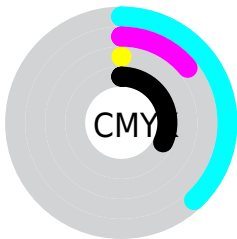
Blue (68%)



Red (42%)

Yellow (52%)

Blue (68%)

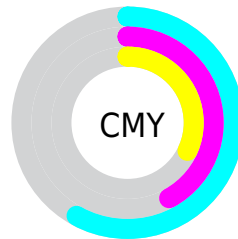


Cyan (38%)

Magenta (14%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (42%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1961, 27.3227, 43.5337 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 24.1961, 27.3227, 43.5337 by changing the saturation by 10% instead.

■ 24.1961, 27.3227,
43.5337

■ 24.1961, 27.3227,
43.5337

266.2325,
289.2162, 376.7875

■ 15.6047, 17.8157,
29.9696

■ 49.8024, 55.4013,
81.8106

■ 9.3339, 10.8178,
19.5637

■ 67.5479, 74.7416,
107.3605

■ 5.0185, 5.9444,
11.8973

■ 89.0756, 98.1286,
137.7427

■ 2.2930, 2.8113,
6.5521

■ 114.7506,
125.9466, 173.3757

■ 0.7911, 1.0340,
3.1095

144.9385,
158.5799, 214.6782

■ 0.0000, 0.0000,
1.1508

180.0046,

■ 0.0000, 0.0000,

196.4130, 262.0686

0.0000

220.3141,
239.8303, 315.9656

■ 24.1961, 27.3227,
43.5337

■ 24.1961, 27.3227,
43.5337

■ 21.3218, 24.3586,
43.1135

■ 27.5464, 30.6198,
43.9940

■ 18.8951, 21.7096,
42.7301

■ 31.3940, 34.2605,
44.4939

■ 16.8882, 19.3606,
42.3825

■ 35.7619, 38.2584,
45.0354

■ 15.2689, 17.2934,
42.0688

■ 40.6708, 42.6258,
45.6197

■ 13.9997, 15.4872,
41.7871

■ 46.1402, 47.3738,
46.2478

■ 13.0182, 13.9082,
41.5341

■ 52.1887, 52.5134,
46.9211

■ 12.8500, 13.6314,
41.4895

■ 58.8340, 58.0548,
47.6405

■ 66.0929, 64.0080,
48.4070

■ 71.0904, 68.8921,
49.0863

Harmonies

Analogous

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



22.4601, 27.3227, 38.3210



24.1961, 27.3227, 43.5337



26.5094, 27.3227, 44.8111

Triad

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



24.1961, 27.3227, 43.5337



30.8008, 27.3227, 28.2402



23.3208, 27.3227, 20.4052

Complementary

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



24.1961, 27.3227, 43.5337



28.1392, 26.4488, 17.5327

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.



25.4368, 27.3227, 18.5093



24.1961, 27.3227, 43.5337



29.8264, 27.3227, 22.5626

Square

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



24.1961, 27.3227, 43.5337



30.4184, 27.3227, 35.2573



27.8273, 27.3227, 19.2339



21.9768, 27.3227, 24.8479

Rectangle

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



24.1961, 27.3227, 43.5337



28.0878, 27.3227, 43.1081



27.8273, 27.3227, 19.2339



23.9603, 27.3227, 19.4826

Sweetspot

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



24.1970, 27.3238, 43.5343



61.5658, 66.2704, 80.3524



25.1179, 34.6577, 26.9103



13.1551, 14.1974, 17.4347



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



24.1970, 27.3238, 43.5343



38.8308, 44.3054, 77.3110



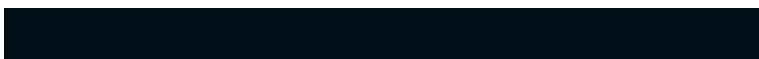
19.8293, 18.5884, 42.0785



7.9776, 8.5546, 10.1834



9.4965, 10.1269, 30.4987



0.3147, 0.3827, 0.8653

Inverse Universe

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



27.8373, 21.5385, 30.7082



46.5122, 33.1444, 50.0121



33.1993, 36.5689, 19.2194



8.2065, 8.0958, 9.3982



14.6570, 7.3254, 11.1053



0.4332, 0.2140, 0.4431

Previews

White Background



This preview shows how the XYZ color 24.1961, 27.3227, 43.5337 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 24.1961, 27.3227, 43.5337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

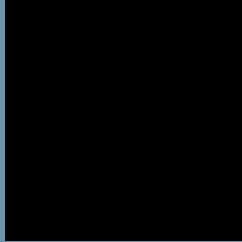
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.1961, 27.3227, 43.5337

Background



This preview shows how black text looks on a background with the XYZ color 24.1961, 27.3227, 43.5337.



This preview shows how white text looks on a background with the XYZ color 24.1961, 27.3227,

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

24.1961, 27.3227, 43.5337

Protanopia

26.9093, 27.1953, 40.8767

Deuteranopia

27.7857, 27.1358, 44.3307



Tritanopia

23.1369, 27.3644, 38.2448

Trichromacy



Original Color

24.1961, 27.3227, 43.5337

Protanomaly

25.8331, 27.2844, 41.9351

Deuteranomaly

26.2151, 26.9912, 43.8725

Tritanomaly

23.4561, 27.2513, 40.1002

Monochromacy



Original Color

24.1961, 27.3227, 43.5337

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.0113, 26.0924, 33.0490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1961, 27.3227, 43.5337 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(107, 148, 173)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 173)  
}
```

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(107, 148, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 173) }
```

Border

The CSS property to change the border of an element to XYZ 24.1961, 27.3227, 43.5337 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(107, 148, 173) }
```


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

```
.border{ border-color:rgb(107, 148, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 148, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 173);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1961, 27.3227, 43.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 173) }
```

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

```
.background{ background-color: rgb(107,  
148, 173) }
```

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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