

Converting Colors

XYZ(25.3422, 21.6941, 47.6515)

Have a look what the booklet for
XYZ(25.3422, 21.6941, 47.6515)
contains.

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Color

**XYZ(25.3422, 21.6941,
47.6515)**

Conversions

Conversions Part 1

Format	Color
Hex	8976B7
RGB	137, 118, 183
RGB Percent	54%, 46%, 72%
CMY	0.4627, 0.5372, 0.2823
CMYK	0.25, 0.36, 0.00, 0.28
HSL	258°, 31%, 59%
HSV	258°, 36%, 72%
XYZ	25.3422, 21.6941, 47.6515
YIQ	131.0910, -9.5410, 24.2430

Conversions

Conversions Part 2

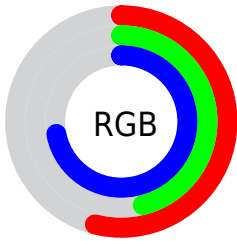
Format	Color
R_{YB}	137, 118, 183
Decimal	9008823
CIE _{Lab}	53.70, 21.38, -31.67
CIE _{LCh}	54, 38.212, 304.021
Yxy	21.6941, 0.2676, 0.2291
Android (android.graphics.Color)	4287198903 (0xFF8976B7)
YUV	131.0910, 25.5911, 5.1822
Hunter-Lab	46.5769, 15.6111, -28.0540

Details

The XYZ color **25.3422, 21.6941, 47.6515** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **35.5139, 43.0680, 23.5815**, and the grayscale version is **21.5204, 22.6411, 24.6562**.

A 20% lighter version of the original color is **51.4406, 46.0578, 87.8402**, and **9.9037, 7.7992, 22.1025** is the 20% darker color. If you saturate the color by 10%, you get **21.3956, 16.7652, 46.9085**, and if you desaturate by 10%, it is **29.9632, 27.5922, 48.5468**.

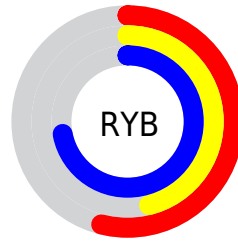
Distribution



Red (54%)

Green (46%)

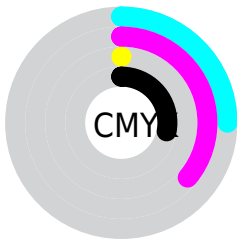
Blue (72%)



Red (54%)

Yellow (46%)

Blue (72%)

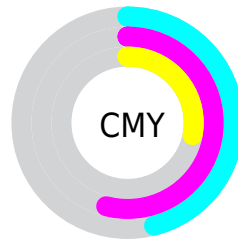


Cyan (25%)

Magenta (36%)

Yellow (0%)

Black (28%)



Cyan (46%)

Magenta (54%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.3422, 21.6941, 47.6515 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 25.3422, 21.6941, 47.6515 by changing the saturation by 10% instead.

■ 25.3422, 21.6941,
47.6515

■ 25.3422, 21.6941,
47.6515

271.8542,
260.9446, 393.8779

■ 16.4623, 13.6323,
33.1930

■ 51.6507, 46.2399,
88.0454

■ 9.9448, 7.8654,
22.0020

■ 69.8101, 63.4927,
114.8179

■ 5.4243, 4.0089,
13.6600

■ 91.7932, 84.5779,
146.5321

■ 2.5356, 1.6786,
7.7485

117.9656,
109.8800, 183.6066

■ 0.9133, 0.4097,
3.8490

148.6925,
139.7833, 226.4598

■ 0.0000, 0.0000,
1.5429

184.3393,

■ 0.0000, 0.0000,

174.6722, 275.5105

0.2496

225.2714,
214.9312, 331.1770

■ 0.0000, 0.0000,
0.0000

■ 25.3422, 21.6941,
47.6515

■ 25.3422, 21.6941,
47.6515

■ 21.3956, 16.7652,
46.9085

■ 29.9632, 27.5922,
48.5468

■ 18.0880, 12.7498,
46.3078

■ 35.2872, 34.5060,
49.6007

■ 15.3837, 9.5903,
45.8405

■ 41.3439, 42.4820,
50.8210

■ 13.2426, 7.2213,
45.4961

■ 48.1604, 51.5630,
52.2145

■ 11.6190, 5.5674,
45.2624

■ 55.7626, 61.7896,
53.7878

■ 10.4577, 4.5359,
45.1245

■ 64.1749, 73.2002,
55.5468

■ 10.0416, 4.1892,
45.0795

■ 73.4209, 85.8313,
57.4976

■ 80.4494, 93.5709,
58.6210

■ 85.0192, 95.9267,
58.8349

Harmonies

Analogous

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



21.1762, 21.6941, 53.9818



25.3422, 21.6941, 47.6515



28.5318, 21.6941, 34.9303

Triad

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



25.3422, 21.6941, 47.6515



24.2616, 21.6941, 8.6037



13.7249, 21.6941, 25.2365

Complementary

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



25.3422, 21.6941, 47.6515



35.5139, 43.0680, 23.5815

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.



14.3247, 21.6941, 15.0618



25.3422, 21.6941, 47.6515



20.0729, 21.6941, 7.5197

Square

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



25.3422, 21.6941, 47.6515



27.8523, 21.6941, 13.1242



16.5235, 21.6941, 9.4349



14.7618, 21.6941, 38.6038

Rectangle

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



25.3422, 21.6941, 47.6515



29.4761, 21.6941, 26.0471



16.5235, 21.6941, 9.4349



13.7427, 21.6941, 21.3508

Sweetspot

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



25.3430, 21.6950, 47.6520



67.7379, 67.7551, 89.7436



29.3992, 34.0313, 49.8194



14.6436, 14.5474, 19.7577



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



25.3430, 21.6950, 47.6520



39.5101, 31.4977, 84.2330



31.3706, 24.8023, 47.9341



8.7612, 8.8433, 11.3246



7.0656, 2.9537, 31.4508



0.3128, 0.1370, 1.1117

Inverse Universe

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



32.7083, 25.7052, 38.3602



54.9680, 39.9290, 64.0607



29.7329, 40.0878, 23.3110



9.2660, 9.1168, 10.7482



16.4423, 8.1507, 15.4816



0.6052, 0.2976, 0.6804

Previews

White Background



This preview shows how the XYZ color 25.3422, 21.6941, 47.6515 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 25.3422, 21.6941, 47.6515 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 25.3422, 21.6941, 47.6515

Background



This preview shows how black text looks on a background with the XYZ color 25.3422, 21.6941, 47.6515.



This preview shows how white text looks on a background with the XYZ color 25.3422, 21.6941,

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

25.3422, 21.6941, 47.6515

Protanopia

22.8185, 21.7652, 51.7136

Deuteranopia

22.2365, 21.7661, 46.7454



Tritanopia

21.0068, 21.5741, 26.7239

Trichromacy



Original Color

25.3422, 21.6941, 47.6515

Protanomaly

23.5238, 21.6053, 49.9441

Deuteranomaly

23.2589, 21.7146, 47.2214

Tritanomaly

22.4005, 21.5737, 33.5554

Monochromacy



Original Color

25.3422, 21.6941, 47.6515

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.6387, 22.1103, 31.9287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.3422, 21.6941, 47.6515 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(137, 118, 183)` looks like.

```
.text, #text, p{  
    color:rgb(137, 118, 183)  
}
```

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(137, 118, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 118, 183) }
```

Border

The CSS property to change the border of an element to XYZ 25.3422, 21.6941, 47.6515 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(137, 118, 183) }
```


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

```
.border{ border-color:rgb(137, 118, 183) }
```

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

Here you see how a box with a 4 pixel rgb(137, 118, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 118, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 118, 183);  
box-shadow:4px 4px 4px 4px rgb(137, 118,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 25.3422, 21.6941, 47.6515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 118, 183) }
```

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

```
.background{ background-color: rgb(137,  
118, 183) }
```

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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