

Converting Colors

XYZ(16.2489, 18.7013, 25.7524)

Have a look what the booklet for
XYZ(16.2489, 18.7013, 25.7524)
contains.

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Color

**XYZ(16.2210, 18.7437,
25.6846)**

Conversions

Conversions Part 1

Format	Color
Hex	5D7D87
RGB	93, 125, 135
RGB Percent	36%, 49%, 53%
CMY	0.6353, 0.5098, 0.4706
CMYK	0.31, 0.07, 0.00, 0.47
HSL	194°, 18%, 45%
HSV	194°, 31%, 53%
XYZ	16.2210, 18.7437, 25.6846
YIQ	116.5720, -22.2820, -3.6740

Conversions

Conversions Part 2

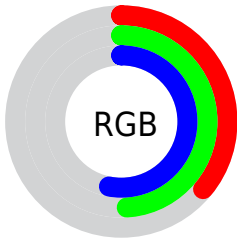
Format	Color
R_{YB}	93, 111, 135
Decimal	6126983
CIE _{Lab}	50.39, -8.80, -9.12
CIE _{LCh}	50, 12.674, 226.002
Yxy	18.7437, 0.2675, 0.3091
Android (android.graphics.Color)	4284317063 (0xFF5D7D87)
YUV	116.5720, 9.0850, -20.6726
Hunter-Lab	43.2940, -8.8857, -4.8686

Details

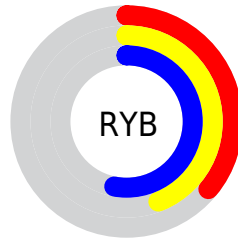
The XYZ color **16.2210, 18.7437, 25.6846** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8179, 15.6418, 12.4891**, and the grayscale version is **16.7545, 17.6271, 19.1959**.

A 20% lighter version of the original color is **36.6745, 41.4914, 53.6526**, and **5.3063, 6.3826, 9.5466** is the 20% darker color. If you saturate the color by 10%, you get **14.5732, 17.3004, 25.4932**, and if you desaturate by 10%, it is **18.1243, 20.3392, 25.8926**.

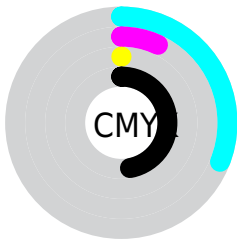
Distribution



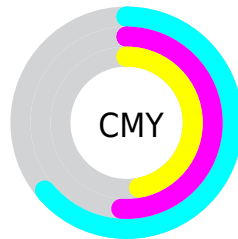
- Red (36%)
- Green (49%)
- Blue (53%)



- Red (36%)
- Yellow (44%)
- Blue (53%)



- Cyan (31%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)



- Cyan (64%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2210, 18.7437, 25.6846 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 16.2210, 18.7437, 25.6846 by changing the saturation by 10% instead.

■ 16.2210, 18.7437,
25.6846

■ 16.2210, 18.7437,
25.6846

223.8871,
245.0302, 294.7864

■ 9.7725, 11.4852,
16.3642

■ 36.5358, 41.3006,
53.7435

■ 5.3095, 6.3942,
9.6251

■ 51.1328, 57.3677,
73.3191

■ 2.4666, 3.0862,
5.0488

■ 69.1767, 77.1399,
97.1501

■ 0.8784, 1.1769,
2.2167

■ 91.0329, 101.0016,
125.6552

■ 0.0000, 0.0427,
0.6840

117.0667,
129.3370, 159.2528

■ 0.0000, 0.0000,
0.0000

147.6434,

162.5307, 198.3615

183.1284,
200.9669, 243.3999

■ 16.2210, 18.7437,
25.6846

■ 16.2210, 18.7437,
25.6846

■ 14.5732, 17.3004,
25.4932

■ 18.1243, 20.3392,
25.8926

■ 13.1665, 16.0003,
25.3164

■ 20.2934, 22.0909,
26.1164

■ 11.9874, 14.8368,
25.1539

■ 22.7399, 24.0056,
26.3570

■ 11.0205, 13.8016,
25.0051

■ 25.4743, 26.0887,
26.6149

■ 10.2482, 12.8855,
24.8690

■ 28.5065, 28.3456,
26.8908

■ 9.6501, 12.0779,
24.7446

■ 31.8458, 30.7813,
27.1849

■ 9.2099, 11.4226,
24.6413

■ 35.5014, 33.4006,
27.4978

■ 39.4817, 36.2080,
27.8299

■ 43.7952, 39.2082,
28.1816

Harmonies

Analogous

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



15.6353, 18.7437, 22.3353



16.2210, 18.7437, 25.6846



17.2488, 18.7437, 27.7192

Triad

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



16.2210, 18.7437, 25.6846



20.2124, 18.7437, 22.0930



17.1707, 18.7437, 14.5607

Complementary

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



16.2210, 18.7437, 25.6846



16.8179, 15.6418, 12.4891

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.



18.3941, 18.7437, 14.5118



16.2210, 18.7437, 25.6846



20.1891, 18.7437, 18.5962

Square

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



16.2210, 18.7437, 25.6846



19.5731, 18.7437, 25.4897



19.5108, 18.7437, 15.9098



16.1661, 18.7437, 16.0522

Rectangle

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



16.2210, 18.7437, 25.6846



18.0640, 18.7437, 27.9211



19.5108, 18.7437, 15.9098



17.5689, 18.7437, 14.3814

Sweetspot

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



16.2216, 18.7444, 25.6850



37.1385, 40.1917, 46.8487



15.6167, 20.6307, 15.9388



8.4754, 9.2086, 10.8371



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



16.2216, 18.7444, 25.6850



27.0174, 31.8010, 45.7626



13.8582, 14.0178, 24.8973



4.7102, 5.0960, 5.9361



8.5031, 10.5539, 22.7256



0.0351, 0.0478, 0.0806

Inverse Universe

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



17.6082, 14.4607, 21.2661



29.9459, 23.1140, 36.3486



19.1504, 20.3068, 13.2666



4.8117, 4.7444, 5.6210



11.4701, 5.6524, 12.3136



0.0426, 0.0207, 0.0575

Previews

White Background



This preview shows how the XYZ color 16.2210, 18.7437, 25.6846 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 16.2210, 18.7437, 25.6846 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

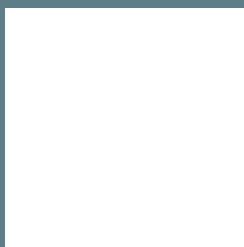
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 16.2210, 18.7437, 25.6846

Background



This preview shows how black text looks on a background with the XYZ color 16.2210, 18.7437, 25.6846.



This preview shows how white text looks on a background with the XYZ color 16.2210, 18.7437,

25.6846.

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

16.2210, 18.7437, 25.6846

Protanopia

18.1648, 18.6839, 24.1217

Deuteranopia

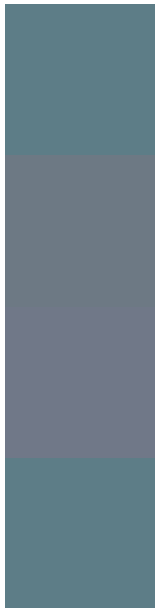
19.0450, 18.7397, 26.2802



Tritanopia

16.2210, 18.7437, 25.6846

Trichromacy



Original Color

16.2210, 18.7437, 25.6846

Protanomaly

17.3089, 18.5919, 24.5061

Deuteranomaly

17.8425, 18.6553, 25.9530

Tritanomaly

16.2210, 18.7437, 25.6846

Monochromacy



Original Color

16.2210, 18.7437, 25.6846

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5389, 18.0763, 21.6862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2210, 18.7437, 25.6846 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(93, 125, 135) looks like.

```
.text, #text, p{  
    color:rgb(93, 125, 135)  
}
```

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(93, 125, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 125, 135) }
```

Border

The CSS property to change the border of an element to XYZ 16.2210, 18.7437, 25.6846 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(93, 125, 135) }
```


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

```
.border{ border-color:rgb(93, 125, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 125, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 125, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 125, 135);  
box-shadow:4px 4px 4px 4px rgb(93, 125,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2210, 18.7437, 25.6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 125, 135) }
```

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

```
.background{ background-color: rgb(93, 125,  
135) }
```

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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