

Converting Colors

XYZ(23.1444, 25.1265, 56.4534)

Have a look what the booklet for
XYZ(23.1444, 25.1265, 56.4534)
contains.

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Color

**XYZ(23.1444, 25.1265,
56.4534)**

Conversions

Conversions Part 1

Format	Color
Hex	518EC5
RGB	81, 142, 197
RGB Percent	32%, 56%, 77%
CMY	0.6823, 0.4431, 0.2274
CMYK	0.59, 0.28, 0.00, 0.23
HSL	208°, 50%, 55%
HSV	208°, 59%, 77%
XYZ	23.1444, 25.1265, 56.4534
YIQ	130.0310, -54.0110, 4.1730

Conversions

Conversions Part 2

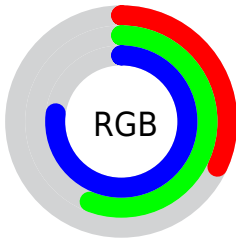
Format	Color
R_{YB}	81, 121, 197
Decimal	5344965
CIE _{Lab}	57.20, -3.28, -34.47
CIE _{LCh}	57, 34.624, 264.560
Yxy	25.1265, 0.2210, 0.2399
Android (android.graphics.Color)	4283535045 (0xFF518EC5)
YUV	130.0310, 33.0157, -43.0002
Hunter-Lab	50.1263, -5.3038, -31.6853

Details

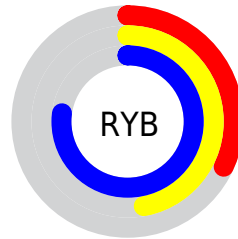
The XYZ color **23.1444, 25.1265, 56.4534** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **33.3166, 30.0745, 11.8348**, and the grayscale version is **21.1306, 22.2310, 24.2096**.

A 20% lighter version of the original color is **48.0520, 51.6749, 101.2076**, and **8.7851, 9.6375, 27.3838** is the 20% darker color. If you saturate the color by 10%, you get **20.3627, 21.7154, 55.9421**, and if you desaturate by 10%, it is **26.5340, 29.0247, 57.0277**.

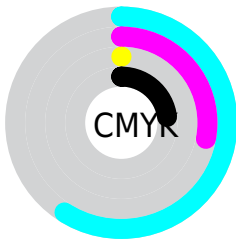
Distribution



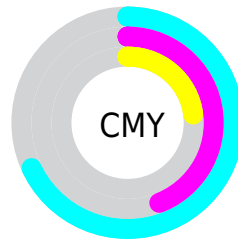
- Red (32%)
- Green (56%)
- Blue (77%)



- Red (32%)
- Yellow (47%)
- Blue (77%)



- Cyan (59%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)



- Cyan (68%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1444, 25.1265, 56.4534 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 23.1444, 25.1265, 56.4534 by changing the saturation by 10% instead.

■ 23.1444, 25.1265,
56.4534

■ 23.1444, 25.1265,
56.4534

260.9873,
278.4673, 428.8342

■ 14.8214, 16.1713,
40.1601

■ 48.0952, 51.8624,
101.1596

■ 8.7797, 9.6455,
27.3487

■ 65.4538, 70.4119,
130.4096

■ 4.6537, 5.1645,
17.6005

■ 86.5550, 92.9282,
164.8156

■ 2.0782, 2.3441,
10.4971

■ 111.7642,
119.7959, 204.7961

■ 0.6773, 0.7969,
5.6199

141.4466,
151.3992, 250.7696

■ 0.0000, 0.0000,
2.5503

175.9677,

■ 0.0000, 0.0000,

188.1227, 303.1548

0.8667

215.6928,
230.3506, 362.3702

■ 0.0000, 0.0000,
0.0000

■ 23.1444, 25.1265,
56.4534

■ 23.1444, 25.1265,
56.4534

■ 20.3627, 21.7154,
55.9421

■ 26.5340, 29.0247,
57.0277

■ 18.1397, 18.7607,
55.4889

■ 30.5700, 33.4327,
57.6658

■ 16.4219, 16.2307,
55.0911

■ 35.2906, 38.3746,
58.3709

■ 15.1206, 14.0751,
54.7437

■ 40.7301, 43.8717,
59.1452

■ 14.9875, 13.8500,
54.7072

■ 46.9204, 49.9443,
59.9911

■ 53.8911, 56.6113,
60.9105

■ 61.6705, 63.8907,
61.9056

■ 70.2852, 71.7996,
62.9781

■ 78.5334, 79.7218,
64.0725

Harmonies

Analogous

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



19.6070, 25.1265, 50.1097



23.1444, 25.1265, 56.4534



27.3013, 25.1265, 53.3735

Triad

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



23.1444, 25.1265, 56.4534



31.7704, 25.1265, 19.0259



18.0320, 25.1265, 16.2690

Complementary

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



23.1444, 25.1265, 56.4534



33.3166, 30.0745, 11.8348

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.



20.7608, 25.1265, 11.5639



23.1444, 25.1265, 56.4534



28.7371, 25.1265, 12.8082

Square

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



23.1444, 25.1265, 56.4534



32.5951, 25.1265, 29.5490



24.6351, 25.1265, 10.5075



16.8790, 25.1265, 25.2790

Rectangle

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



23.1444, 25.1265, 56.4534



29.8343, 25.1265, 46.7426



24.6351, 25.1265, 10.5075



18.7792, 25.1265, 14.2466

Sweetspot

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



23.1453, 25.1274, 56.4540



73.5787, 79.2016, 106.0172



27.7432, 43.4356, 29.8941



15.0982, 16.3032, 22.6010



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.



23.1453, 25.1274, 56.4540



35.0869, 37.1073, 99.9209



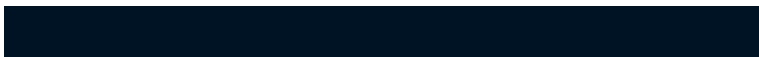
16.7105, 12.2579, 54.3091



10.5105, 11.1951, 13.5244



9.9421, 9.2781, 36.0112



0.5429, 0.5836, 1.7292

Inverse Universe

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



30.8517, 19.7093, 27.7701



50.8614, 29.0213, 40.5332



43.6113, 50.6640, 15.2664



10.8630, 10.7286, 12.2616



16.8176, 8.4766, 9.5155



0.8327, 0.4159, 0.6424

Previews

White Background



This preview shows how the XYZ color 23.1444, 25.1265, 56.4534 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 23.1444, 25.1265, 56.4534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

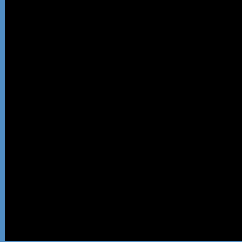
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1444, 25.1265, 56.4534

Background



This preview shows how black text looks on a background with the XYZ color 23.1444, 25.1265, 56.4534.

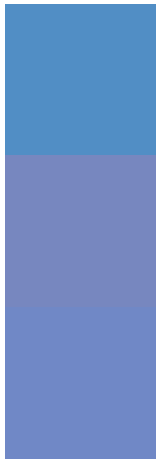


This preview shows how white text looks on a background with the XYZ color 23.1444, 25.1265,

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

23.1444, 25.1265, 56.4534

Protanopia

25.6757, 25.0115, 52.7647

Deuteranopia

25.6793, 25.1303, 56.9233



Tritanopia

19.4272, 25.2264, 37.5635

Trichromacy



Original Color

23.1444, 25.1265, 56.4534

Protanomaly

24.5398, 25.0305, 53.9901

Deuteranomaly

24.6483, 25.0209, 56.9565

Tritanomaly

20.5174, 24.9534, 43.7795

Monochromacy



Original Color

23.1444, 25.1265, 56.4534

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0399, 22.8280, 33.8692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1444, 25.1265, 56.4534 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(81, 142, 197)` looks like.

```
.text, #text, p{  
    color:rgb(81, 142, 197)  
}
```

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(81, 142, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 142, 197) }
```

Border

The CSS property to change the border of an element to XYZ 23.1444, 25.1265, 56.4534 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(81, 142, 197) }
```


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

```
.border{ border-color:rgb(81, 142, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 142, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 142, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 142, 197);  
box-shadow:4px 4px 4px 4px rgb(81, 142,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1444, 25.1265, 56.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 142, 197) }
```

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

```
.background{ background-color: rgb(81, 142,  
197) }
```

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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